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# SEEDS PLANTS

34<sup>TH</sup> YEAR

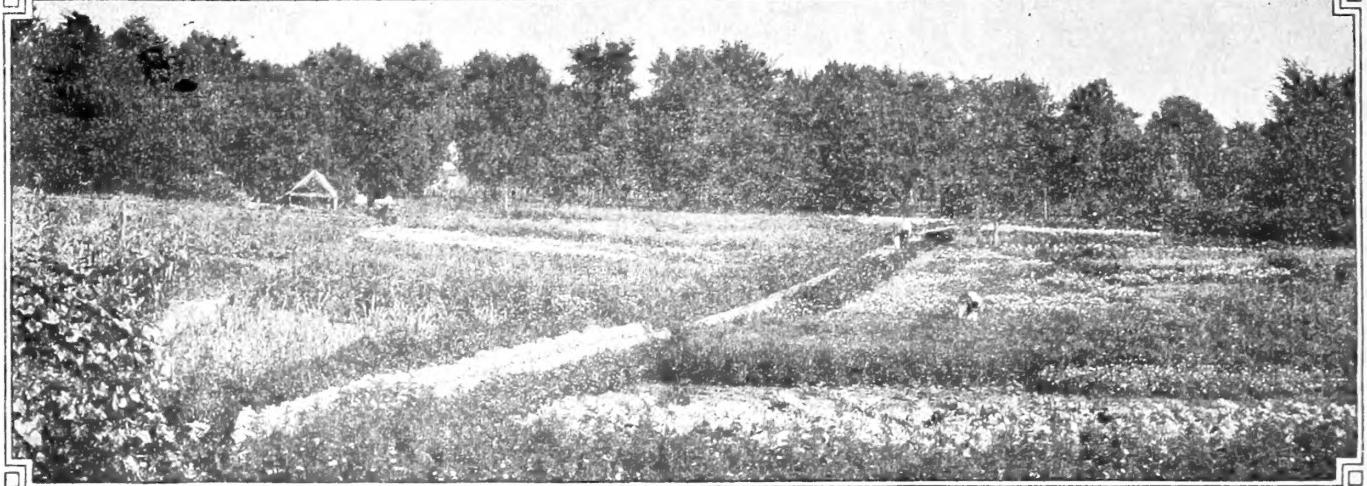
GLADIOLUS  
MRS FRANCIS KING

1911

# Vaughan's SEED STORE

25 BARCLAY ST.  
NEW YORK

84-86 Randolph Street  
Chicago, Greenhouses, Trial Grounds and Nurseries,  
[OVER]



*Partial View of Vaughan's Trial Grounds at Western Springs, Ill.*

### **Suggestions to Customers in Ordering From This Catalog**

*A reading of the following will prove an aid to you and to us:*

**Early Orders:** Our rush season comes in the months of March and April. Orders sent at once secure prompt shipment from our full stocks.

**How To Order:** Write your name, postoffice, state and express office plainly with black ink, on every order, and every time you write to us. Give plain express, mail or freight directions; where none are given, we route the same at buyers' risk.

**Use Order Sheets:** The use of our order sheets enclosed in this catalogue is a great help to us in facilitating filling and shipment of orders. One order sheet is for seeds and bulbs, the other for plants, shrubs and trees. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same.

Vegetable Seed Orders should plainly state quantity before the name of the variety.

Flower Seeds may be ordered by number, always giving quantity.

Plant orders should give **quantity, variety and size.**

**Keep A Copy Of Your Order:** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notice sent.

**Mistakes:** These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

**Orders Are Promptly Filled:** Or in case of delay, notified by postal card. If you do not hear from an order sent us, within a reasonable time, send us a duplicate order covering date of order, amount of same and form of remittance, your name and full address. If you cover these points in your first letter, a long delay is often saved in tracing.

**Freight or Express:** All express lines in the United States and Canada carry seeds and plants at the special reduced rate of 20 per cent less than general merchandise rates. On moderate sized orders we advise express shipment rather than freight.

**Our Terms:** Are strictly cash with order. We prefer not to send C. O. D. but if wanted by that method, customers should enclose  $\frac{1}{4}$  of the amount in remittance with order.

**How To Send Money:** Send cash with order (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letters, or Postoffice or Express MoneyOrder; both are cheap and absolutely safe. Small postage stamps are taken as cash, but we prefer large denominations, such as fives, tens or fifteen. Registered letters can be sent from any postoffice, and your receipt sent you by return mail, by which you know it has reached us. If local checks are used 25 cents must be added to cover the cost of collecting. Make money orders payable to "Vaughan's Seed Store."

**Our Responsibility:** It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. [Or seeds may be returned. See below.]

We wish it understood that all our seeds are sold under the following general non-warranty:

We do not warrant in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter, of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our goods. VAUGHAN'S SEED STORE, Incorporated.



*S. A. F. Medal for Gardens, Chicago, 1908.*



*Grand Prize for Cannas, St. Louis, 1904.*



*Gold Medal for Pansies, Buffalo, 1901.*



*Highest Award for Pansies, Chicago, 1893.*

**Please read "How to Order" (in front of catalog) before ordering, and save all misunderstanding.**

# ORDER SHEET TO VAUGHAN'S SEED STORE

25 Barclay Street, NEW YORK.

84 & 86 Randolph Street, CHICAGO, ILL.

**More order blanks will be sent upon request.** Always write letters on a separate sheet from your order.

**NOTICE.**—We do not warrant in any way, express, or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale, at the moderate prices at which we sell our goods. Vaughan's Seed Store.

**VERY IMPORTANT.**—Write your name very plainly, and give your Post Office, County and State in full every time.

Your Name.....  (VERY PLAIN.)	Date.....  1911	Our Order No.
Post Office.....	AMOUNT ENCLOSED.  <i>LOOSE MONEY IS NOT SAFE. State how much money you enclose. Make money orders or checks payable to Vaughan's Seed Store.</i>	
County..... State.....	Please do not write here.	
Street, P. O. Box or Rural Delivery	Money Order - \$.....	
Express Office {If different from P. O.} .....	Draft or Check = \$.....	
	Postage Stamps \$.....	
	Cash - - - \$.....	
Please forward goods by (Mail, Freight)		

Gardener's Name..... Please forward goods by Mail, Freight or Express.

**OUR PRICES INCLUDE POSTAGE** on Packets, Ounces, Quarter-Pounds and Pounds of VEGETABLE and FLOWER SEEDS; also on PLANTS and BULBS, EXCEPT WHERE NOTED.

**"BY FREIGHT OR EXPRESS"** always means that transportation charges are to be paid by the purchaser.

[OVER]

## **PLANT ORDER SHEET**

See instructions in  
Catalogue,  
**"HOW TO ORDER"**

# Vaughan's Seed Store.

Amount enclosed, \$.....

No goods sent C. O. D. Date

Your Name.

Very Plain

Our  
Order No.

Post Office..

P. O. Box

Please do not write here.

**County**

### State

Street

**State**

## ..Forward by

{ State whether to send  
by mail or express.

## **Express Office**

**Name of Ex. Co.**

**AMOUNT ENCLOSED.**

Money Order, - - \$.....

**Forward now or about**

 State how much money

**Draft or Check, - \$.....**

If you do not wish order or any part of same sent before a certain time please insert date for shipping.

*you enclose.*

**Postage Stamps, -- \$.....**

# VAUGHAN'S SEED STORE

CHICAGO  
NEW YORK



**V**AUGHAN'S SEED STORE, New York, in its 17th year on Barclay Street, has made for itself a reputation for good seeds, of the best varieties, in liberal packets and at lowest prices.

**Our claim—The Best Flower Seeds in America**—has been proven justified by the experience of our patrons and friends during the past 17 years, and it has been shown that the good reputation built up by our Chicago House rests upon a solid foundation. We take this opportunity of thanking our kind friends who have been patrons here since our advent into the Seed Trade of New York, and to solicit their future favors.

From those who have not so far used Vaughan's Seeds, we ask only an opportunity of proving our claim. Not only in Flower Seeds, but in all classes of Vegetable Seeds, we claim that Vaughan's are second to none. We have the most expert seed growers and the best sources of supply for every class of Vegetable and Flower Seed, and their excellence and reliability have been endorsed by our customers in constantly increasing numbers, and in volume of trade enlarged.

**To till a little land**, in a city lot, in a garden, or in a little farm, or to own and cause to be cultivated an even larger farm, an estate or a ranch, has become the desire of many people.

This 34th Catalogue of **Vaughan's Seed Store** is intended for a Hand Book and Guide for all such lovers of the earth and its flowers and fruits. We are trying to make it for you,

#### All of "Gardening Illustrated."

We brief for you below the contents of the book, believing you will find the many sides of horticulture well covered:

*Garden, Vegetable and Flower Seeds.*

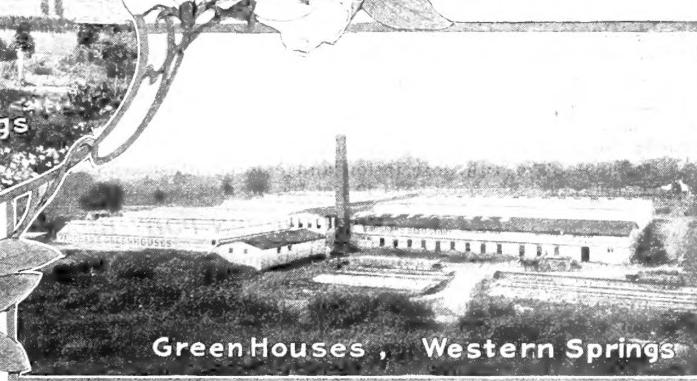
*Greenhouse Plants,*

*Flowering Bulbs—American and Imported,  
Trees, Shrubs, Perennials—Nursery grown.*

*Fertilizers, Tools and Gardening Supplies.*

**Very Important**—Write or call on us for advice on every crop, seed or tree you think of planting. It has been our business for more than thirty years to know about Horticulture. Ask us, secure the facts and you take no chances.

**Increasing Demands** have been met by increased facilities at our enlarged premises at 25 Barclay Street, and we shall endeavor at all times to make prompt and satisfactory deliveries. You can help us to do so by sending in your orders early, before the big rush of the Spring Season begins.



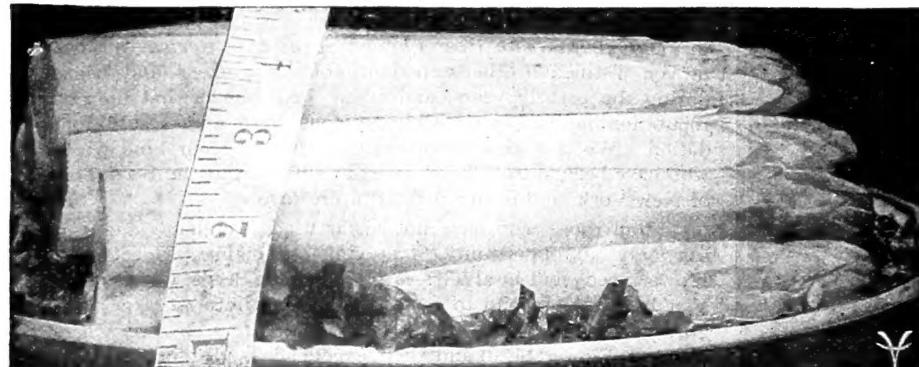
# VAUGHAN'S NOVELTIES *and* SPECIALTIES

## in VEGETABLE SEEDS

OUR vegetable novelty list this year has few changes over last. In our trial grounds many much-advertised new things disappointed us as regards trueness to type and commercial value. Short crops also prevent our listing several new vegetables we hoped to offer this year. Our list will be found up to date on all proven sorts,

and any new vegetable of extraordinary merit will be added as soon as we are convinced of its real value.

"Vaughan's Special" list (standard old varieties which we are improving by scientific selection) is increasing every year. "Vaughan's Specials" are grown by Vaughan's Seed Store or under our direct supervision and absolute control.



### ASPARAGUS—BONVALLET'S GIANT

The most vigorous and healthy of all varieties of Asparagus and the best for both home and market use. In those localities where once tried, this sort soon displaces all others.

It originated with the P. A. Bonvallet Co., at Wichert, Ill., and was selected from a healthy and vigorous plant which remained after the rest of several fields of "grass" had been ruined by Asparagus rust. While not immune from rust, this variety on account of this vigorous growth and strength withstands this disease much better than any other variety.

In color the shoots are purple tinged when grown in the usual way, but is pure white when planted deep and cut for White Asparagus. Yields much longer in season than most kinds, as its crown does not divide. Flavor the finest.

ROOTS, 2-year-old, doz 25c (by mail 33c), 100 \$1.50 (by mail \$2.00), 1000 \$12.00 by express only. 3-year-old transplanted plants for forcing, by express only, doz 50c, 100 \$3.00, 1000 \$25.00.  
SEED, pkt 10c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 35c, lb \$1.25.

### NEW GREEN-SEEDED POLE LIMA "CARPINTERIA"

#### *The Most Perfect Pole Lima Bean*

The distinctive feature of this new bean is the green tint on the bean, which color it retains in the dry or ripe state to a greater extent than usual. The green color in Lima Beans is indicative of fine quality, and this new sort possesses the desirable qualities looked for in Pole Limas more than any other Pole Lima Bean now before the public. Prolific as any White Lima; the vines are very strong, vigorous in growth, with many large runners or branches on which are produced an immense quantity of pods, filled with three to four, usually four, large, broad beans.

The seed or bean is broad, much thicker than the ordinary Pole Lima, and comes nearer to having every bean perfect than any other Pole Lima.

The Carpinteria Green Seeded Large Lima originated with Henry Fish of Carpinteria, California, in 1906, as a sport in a crop of Bush Lima Beans. Mr. Fish recently produced two notable Dwarf Bush Lima Beans.

Pkt 15c, pint 30c (by mail 38), quart 55c (by mail 70), 4 quarts \$2.00.

### NEW BUSH WAX BEAN—Vaughan's Monster Stringless

The largest podded and best quality of all the Wax Bush Beans. Entirely stringless; the pods grow to the size of a pole bean. On heavy rich prairie soils this variety is ideal. For full description and colored illustrations from nature, see the back cover page of this book. Pkt 10c, pt 20c (by mail 28c), qt 40c (by mail 55c), pk \$2.50.

### "FULL MEASURE GREEN POD" BEAN

A stringless round green podded Bush Bean. A new variety of main crop season that fills a long-felt want for a stringless and green podded bean. Somewhat later than Stringless Green Pod; planted with that variety, it yields a crop which will come in later in succession with that sort. The round podded green bean is much preferred by planters over a flat pod sort. The vines of this variety are strong and very productive; the pods are perfectly round, about five inches long, quite straight, entirely stringless and of the best flavor, tender and firm.

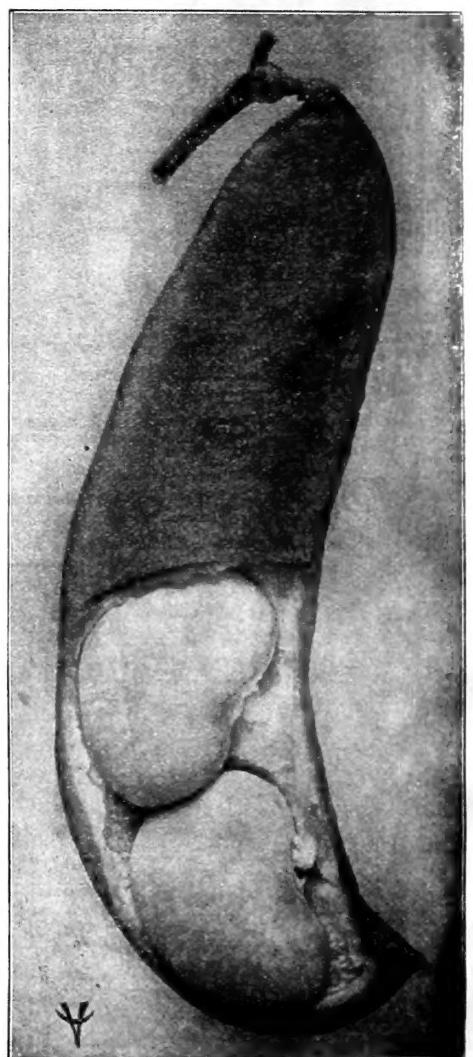
Pkt 10c, pint 20c (by mail 28c), quart 35c (by mail 50c), peck \$1.60. bu \$6.00.

### EARLY LEVIATHAN LIMA

#### *The Best Early Pole Lima Bean*

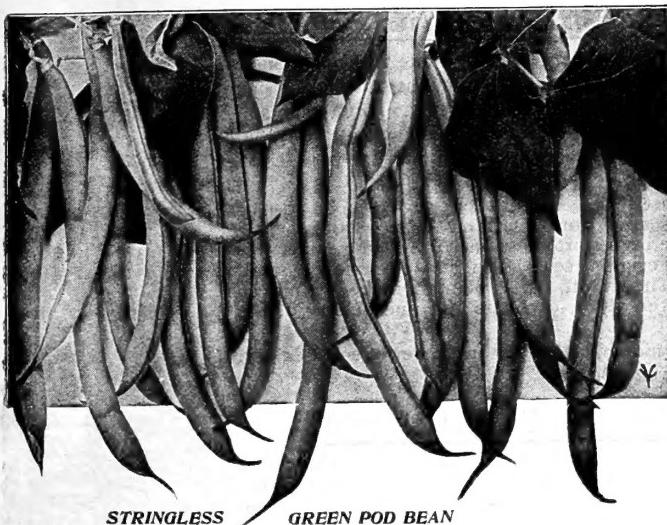
In the Northern States it is necessary, on account of early frosts, to have a very early Lima Bean. Of all the early varieties of this vegetable the Early Leviathan is the most satisfactory. As early as any, its pods are of great size, the equal in this respect of the main crop varieties, and these well-filled pods are produced in quantity, usually clusters of five to eight pods. The flavor is excellent. To those who have been growing the Sieberts and Early Jersey Lima this new sort will certainly prove a treasure.

Pkt 10c, pint 20c (by mail 28c), quart 35c (by mail 50c), 2 qts 65c,  $\frac{1}{2}$  pk \$1.10, pk \$2.00, bu \$7.50.



CARPINTERIA POLE LIMA, Natural Size

# VAUGHAN'S Vegetable Seed Novelties and Specialties for 1911



STRINGLESS GREEN POD BEAN

## STRINGLESS GREEN POD BEAN

We are again listing this variety on our specialty pages to call attention to our garden seed beans. We have been growing for the past four years, besides many other particular and popular varieties of vegetables, a number of the kinds of beans demanded by the most critical trade. We have done this on our farms in Shiawasse County, Mich. The growing is in the hands of an expert and the careful selection practiced is now shown by our stock designated as Vaughan's Special, which are absolutely unsurpassed.

Among the bean varieties we now offer as Vaughan's Special Stock may be mentioned, Stringless Green Pod, Longfellow, Black Valentine, Hodson Wax, Davis Wax and Wardwell's.

**Stringless Green Pod**, although an old standard sort, introduced 15 years ago, it is as yet unexcelled for general usefulness. It is early, prolific, and being without any string or fibre, is of the finest quality. The pods are of the round type, of good length and straight. The color is a deep rich green. The flesh is thick and meaty. For the kitchen garden repeated planting should be made every two weeks until September; this furnishes a continual supply.

Pkt 10c, pint 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  pk 90c, pk \$1.60, bu \$6.00.

## KENTUCKY WONDER WAX POLE BEAN

The quality of this new, golden yellow podded Pole Bean is the best of the Wax Pole Beans. The habits of vine and pods are similar to those of the Old Kentucky Wonder Green Pod variety. However, the quality is superior in every way. It is a very prolific sort, begins to bear when scarcely higher than the average bush bean and keeps on producing until killed by frost. Pods are so fleshy that they are frequently greater in thickness than in width, are entirely stringless, and when cooked are of a delicious rich flavor. In our trials we liked this the best of all the wax pole beans.

Pkt 10c, pt 20c (by mail 28c), qt 35c (by mail 50c), by express  $\frac{1}{2}$  pk \$1.10, pk \$2.00.

## FORDHOOK BUSH LIMA

This new "Potato" bush lima is a great improvement upon the old Kumerle or Dreer Bush Lima. In its form of growth this new variety is stiffly erect, whereas the older kinds grew low and spread out, the pods often being discolored from lying on the ground. The season is early.

The plant is extremely prolific, and the pod, twice as large as the Kumerle Bush Lima, contains four or five large beans, themselves much greater in size than those of the old variety. Finally, in quality this novelty produces green beans which are tender, juicy and sweet, in contrast to the dry and mealy character of the potato type.

Pkt 10c, pt. 25c (by mail 33c), qt 45c (by mail 60c), pk \$3.00.

### Burpee's Improved Bush Lima

This new variety may be regarded as the largest and best of the large seeded Bush Lima Beans. The vines of these Beans average larger in size than the New Wonder, and produce a considerably larger crop. The pods are larger than the older varieties and contain beans which are proportionately thicker and longer than those of the older varieties. The quality is excellent. In season a week earlier than the New Wonder or Burpee Bush Lima.

Pkt 10c, pt 25c (by mail 33c), qt 45c (by mail 60c), pk \$3.00.

Fordhook Bush Lima

## NEW RED CABBAGE—Vaughan's Black Diamond



CABBAGE—VAUGHAN'S BLACK DIAMOND

The best second early, hard heading black red Cabbage. The heads are of medium size, have only two outer leaves and have all the hard heading keeping qualities of the Glory of Enkhausen a like sort in White Cabbage.

In Europe where this new sort originated it is unusually popular and is regarded as the finest early red Cabbage. Our customers who have tried it are very enthusiastic for its combination of earliness and good keeping quality make it valuable for both the market grower and the amateur. Very sure heading, almost every plant producing a compact hard head. Where space is limited, the fact it has so few outer leaves thus permitting close planting is a desirable feature.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c,  $\frac{1}{2}$  lb \$1.00, lb \$3.50.



Burger's Stringless

## New Pole Bean, Burger's Stringless

For Northern growers, this is the best Green Pod Pole Bean. The pods are long and absolutely stringless, with a flavor equal to the Bush Bean. The beans themselves are small and white, being good for baking after the pods have become too ripe.

The vines bear for a long time, thus producing a continuous crop. This Bean has the advantage over other Pole Beans in not having a long vine so it may be grown on brush instead of on a pole.

Pkt 10c, 2 for 15c, pt 20c (by mail 28c), qt 35c (by mail 50c), pk \$2.25.

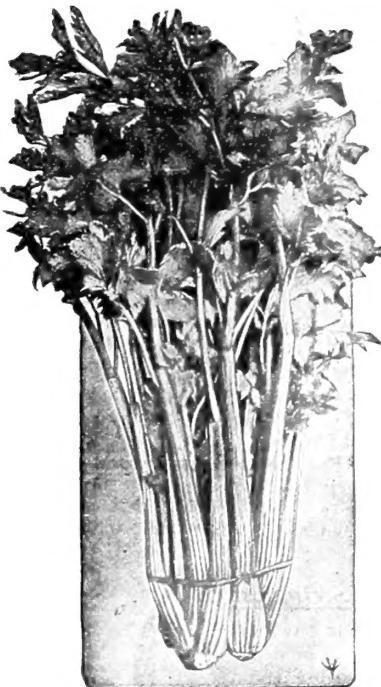
## "IDEAL" POLE LIMA Don't Miss This One

A selection from the White Lima and one of the best main crop Pole Lima Beans. The pods are of immense size, some reaching eight inches in length and are produced in large clusters. The vines are remarkably productive. The beans are large, fat and tender. For market use with the exception of our new Carpinteria Pole Lima we regard it as the best variety for use in the Central states, where a main crop pole Lima will mature.

Pkt 10c, pt 20c, (by mail 28c), qt 35c, (by mail 50c), 2 qts 65c,  $\frac{1}{2}$  pk \$1.15, pk \$2.25, bu \$8.00.

Burger's Stringless

# VAUGHAN'S Vegetable Seed Novelties and Specialties for 1911



CHICAGO GIANT SELF-BLANCHING CELERY

## CHICAGO GIANT SELF-BLANCHING CELERY

A fine new white Celery; earlier and larger than White Plume or Snow White; as large as Golden Self-Blanching and of a much better quality than any other white. This Celery may be sown for early use in February and marketed by July 1st, without running to seed. Its foliage is green and white; the stalks are tender, brittle, very sweet and of a nutty flavor. Originated as a sport from Giant Pascal.

Owing to crop failures the past few seasons the reselected stock seed of this variety, on which a great deal of work has been done, was lost. Re-selection and improvement have been started again. The seed we offer this year has been grown from the original seed and is liable to show a small percentage of green stalks. These "off type" plants will be few and far more than offset by the vigor, earliness and fine quality of the "type" stalks.

Chicago Giant is a money-maker for any raiser of early Celery.  
Pkt 15c, 2 for 25c; oz 50c.

## NEW SWEET CORN—EARLY IOWA

The finest first early Sweet Corn now on the market. Almost as early as Malakoff; the ears are much larger—see illustrations on this page showing relative size. Early Iowa is a week ahead of Early Cory and the ears are nearly though not quite as large. It is a real Sweet Corn and the quality is excellent. The stalks are short with little foliage. Ears are eight rowed, usually two ears to a plant. For first planting for market growers and home garden there is no superior.

It originated with one of the most successful market gardeners in the State of Iowa, Mr. W. B. Perry, who has grown it a great many years, always bringing his corn on the market ahead of all his competitors by a week to ten days.

Pkt 10c, pint 20c (by mail 25c), qt 35c (by mail 45c); by express, 2 quarts 50c, 4 quarts 90c, peck \$1.60.



## SWEET CORN—MALAKOFF

The success of this new Sweet Corn has been phenomenal. Each year since we first offered it, our supply has been less than the demand. It is the earliest real Sweet Corn in existence—compared to Early Cory, it is fully a week in advance. Planted May 22, ears are ready by July 4th. The color of the kernels varies from white to pale amber in matured ears. The stalks grow only 3 feet high, and usually bear two or more ears. The ears are small and yet very sweet. It has been necessary to sacrifice size for earliness. On account of its small stalks, this corn may be planted 2 feet apart, thus making up an average yield. This is a Russian variety secured through Prof. Hansen, and we grow it far North to retain its early habit. It is a good money-maker for market gardeners who supply a local trade; where shipped to a large market, however, the ears are too small. For early home use it is alone in its class.

Pkt 10c, pt 15c (by mail 20c), qt 30c (by mail 40c), by express 2 qts 45c, 4 qts 80c, pk \$1.50.

## Early Sweet Corn—GOLDEN BANTAM

The sweetest of all early sweet corns and considered by many as the richest and best flavored of all corn. Medium early in season, about a week later than Cory and two weeks later than Malakoff.

The corn is a golden yellow color, impressing one at first as field corn; as soon as eaten, however, there is an immediate call for more. May be planted at intervals during season for continual table use. Our Seed has been selected especially for table quality. Pkt 10c, pt 15c (by mail 20c), qt 30c (by mail 40c), 2 qts 45c, ½ bu 75c, peck \$1.40.

## WITLOOF CHICORY, French Endive

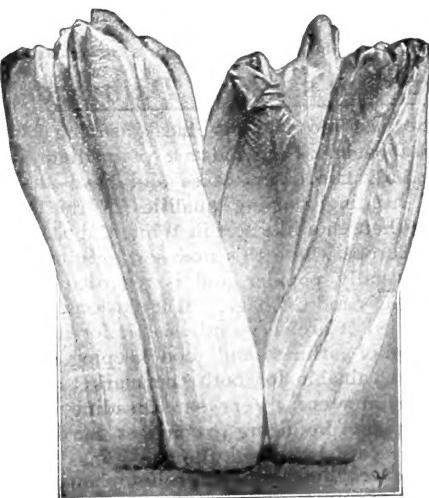
A few years ago this salad vegetable was almost unknown in America. It is now on the bill of fare of all first-class restaurants. Although mostly imported as yet, it is an easily grown winter vegetable which can be raised in every home.

We have many customers that are growing it successfully and are very enthusiastic about it, for it furnishes a delicious salad in winter when other fresh vegetables are not available.

Plant seed in March or April. Lift the roots in November or December, and store in sand in a cool place until ready for starting into growth in soil in the cellar.

Forcing or growing is done any time from December 15th until spring in good soil in cellars, hot beds or outdoors.

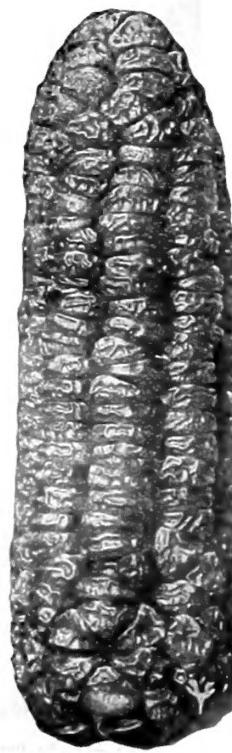
Full directions for planting and care are with each package.  
Pkt 10c, oz 25c, ¼ lb 60c, lb \$2.00.



WITLOOF CHICORY



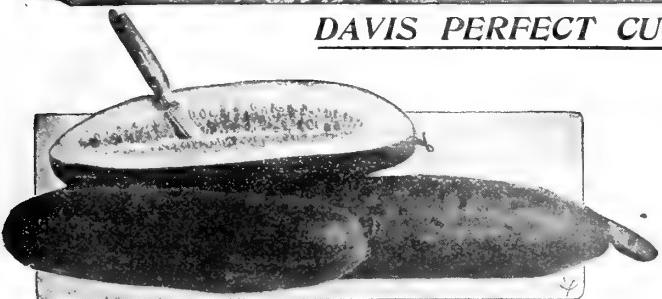
EARLY IOWA  
Sweet Corn



MALAKOFF SWEET CORN

# VAUGHAN'S Vegetable Seed Novelties and Specialties for 1911

## DAVIS PERFECT CUCUMBER—Nothing Better for Slicing



DAVIS PERFECT CUCUMBER

## VAUGHAN'S CANTALOUPÉ HOODOO

This has never been a hoodoo for those who grow it. On the contrary, a better melon everywhere than the Netted Gem (or Rocky Ford). It may well claim the name **HOODOO** as indicating the effect it has on other melons. When a prime consignment of this one strikes a good market all the other kinds are promptly Hoodoed.

It is the triumph of the grower in breeding for these points—uniform size, closeness of netting, roundness of form, tough rind, blight resisting. It retains the high quality of the Paul Rose. A grand shipper to distant markets, never breaks down.

**Quality**—The flesh is of fine grain (not stringy) and of the sweetest flavor. **HOODOO** melons from Michigan points bring the highest prices on the Chicago market, in competition with the whole United States.

**Size and Shape**—The size of **HOODOO** is just right (about the same as Rocky Ford) so that it may be served cut in halves. In shape somewhat more round than the Rocky Ford Gem, a fine feature in packing for shipment.

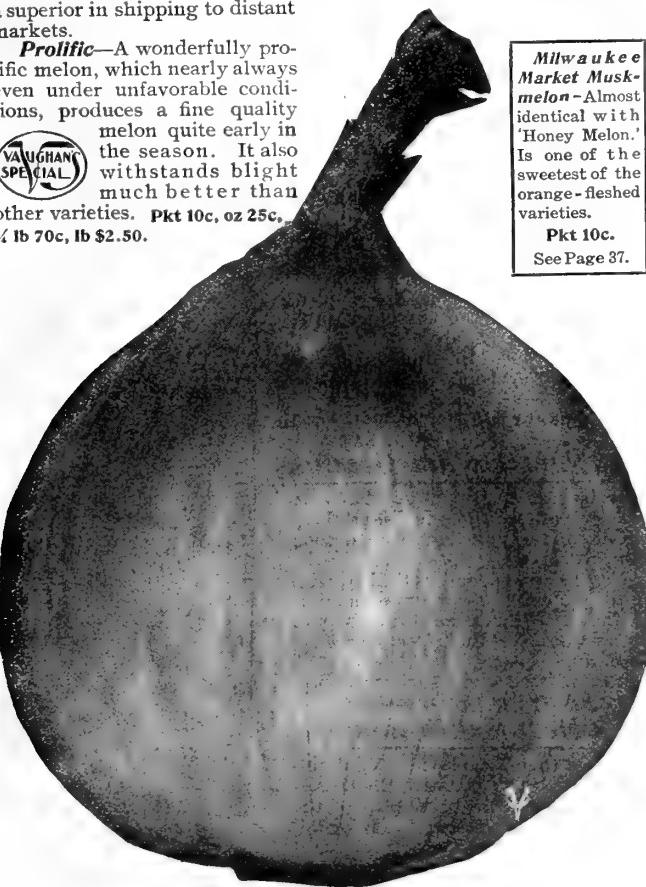
**Flesh and Color**—The flesh is of deep orange color and extremely thick, there being only a small seed cavity.

**As a Shipper**—The netting is ideal, heavy and close; the melon solid and heavy and firm at the blossom end. It is absolutely without a superior in shipping to distant markets.

**Prolific**—A wonderfully prolific melon, which nearly always even under unfavorable conditions, produces a fine quality melon quite early in the season. It also withstands blight much better than other varieties. Pkt 10c, oz 25c,  $\frac{1}{4}$  lb 70c, lb \$2.50.



Milwaukee Market Muskmelon—Almost identical with 'Honey Melon.' Is one of the sweetest of the orange-fleshed varieties.  
Pkt 10c.  
See Page 37.



AILS A CRAIG ONION

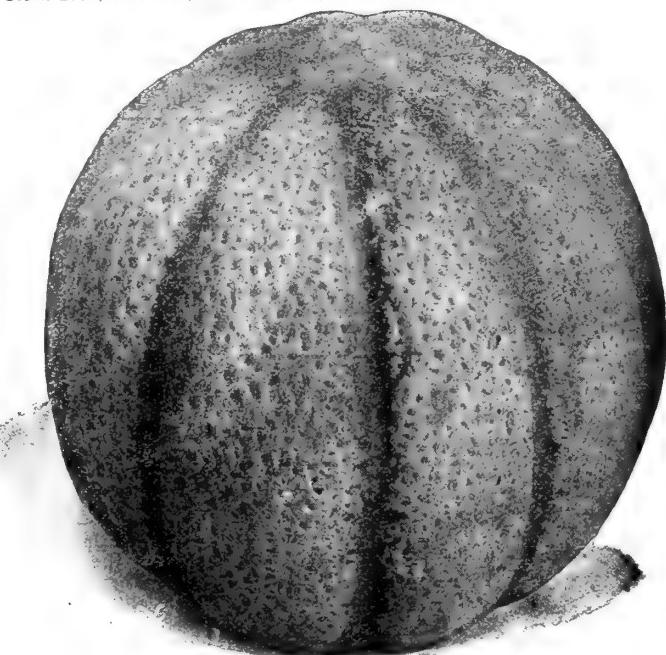
The most popular cucumber in the northern states of the extra long, white spine type. The Davis Perfect fulfills the requirements of the demands for this type better than any other variety. It is a selection made by a veteran outdoor and greenhouse grower of cucumbers, and combines the most desirable features, length, slimness and dark green color, at the same time being extremely vigorous and productive. On account of its remarkable vigor is a better blight resister than the other long sorts. Since its introduction four years ago it has become in the north the most popular variety of all the extra long, white spine cucumbers, both for indoor and outdoor planting.

One Seed has been most carefully reselected each year and our seed field the past season was an extraordinary sight, immense fruit uniform in size, shape and color.

**Selected Stock, Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.50.**

Stock Seed for greenhouse planting saved by the originator, Mr. Eugene Davis, of Grand Rapids.

**Stock Seed, Pkt. 20c, (2 for 35c),  $\frac{1}{2}$  oz 75c, oz \$1.25.**



VAUGHAN'S CANTALOUPÉ HOODOO

## NEW WATERMELON "TOM WATSON"

The Tom Watson melon has in three years time become one of the most popular of all shipping melons. A typical fruit is two feet long and a foot thick; the rind is dark mottled green, thin but tough enough to stand a long distance shipment. The flesh is deep red, of the finest luscious quality and is therefore a most desirable variety for the home garden. The seed is brown with white tips. We have a fine strain.

Pkt 10c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.50.

## AILS A CRAIG ONION—Vaughan's Selected Stock

One of the largest of onions. It is a very handsome, oval-shaped variety with pale straw-colored skin; twelve bulbs have been known to weigh thirty pounds. In England it is the most popular large onion grown. For exhibition it is unexcelled—always giving under the same conditions much larger and more shapely bulbs than the Prize-taker. To attain its largest size it should be sown early in the spring in the hot-bed and later transplanted to open ground.

The Onion is very productive, is a good keeper for a large onion, and for those who like an onion raw we highly recommend it on account of its mild and acceptable pungent flavor. Market gardeners who grow this sort box them and compete successfully with the imported Spanish Onion. We believe when this variety is better known it will rank among the most popular sorts. Our seed is grown from English Prize-winning stock. Pkt 15c, 2 pkts 25c, oz 35c.

# VAUGHAN'S Vegetable Seed Novelties and Specialties for 1911

THE HANDSOMEST OF ALL VARIETIES.



## VAUGHAN'S NEW XXX PARSLEY

The delicate curly leaves of this new Parsley and its rich dark green color, makes it the ideal variety for garnishing dishes. It is by far the handsomest of all varieties of Parsley. Selected originally by our representative in the trial and breeding grounds of a famous European seed grower where this variety was the best of some forty stocks. It is, we believe, without equal as to curliness and color, and its flavor is always of the very best.

In habit the plant is very dwarf, considerably more so than the Champion Moss Curled variety. Its size makes it extremely desirable for greenhouse or pot planting indoors, also as a neat border for a vegetable garden. Some of our customers have done well growing this variety in the greenhouses in winter from plants raised out doors and transplanted in the fall. An amateur can get similar results in the house during the winter season by "growing on" summer outdoor raised roots in pots.

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c,  $\frac{1}{4}$  lb 75c, lb \$2.50.

## VAUGHAN'S INTERMEDIATE PARSNIP

There has long been a demand for a parsnip which would not require the depth of soil necessary for the successful culture of the older varieties. This new sort Intermediate has been bred for this special purpose. Although of equal quality and flavor to the old sorts, the roots of this variety are only one-half to two-thirds as long when grown under ordinary conditions. On heavy or clay soils it should prove especially valuable. Intermediate Parsnip is an English introduction and in that country it has attained considerable popularity. Its short length in years of drought and in hard soil makes it much more easily harvested and of better appearance than the longer varieties. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c.



VAUGHAN'S  
INTERMEDIATE PARSNIP

## NEW PEAS

The remarkable improvement in Peas which has been going on, especially in England, the past ten years, has had some set back the past two years owing to universal crop failures. Stocks of standard varieties have necessarily suffered and new varieties are at a standstill. We offer in novelties this year American grown, carefully rogued seed of what we consider for American conditions the three best Pea introductions of recent years.

## PEAS, LITTLE MARVEL

A new early dwarf Pea which is surely going to take a place ahead of the popular Nott's Excelsior and American Wonder sorts. The season is the same as the above mentioned kinds. While the pods are larger, the peas are quite similar; they usually run, however, two to a pod more than Nott's Excelsior and are of equal, if not superior flavor. The vines are wonderfully prolific and bear a heavier crop than the two older sorts.

Added features of great value are: pods are a dark green color, and both the pods and the peas keep in edible condition at least a week longer than Nott's Excelsior, which must be eaten within three days when ready.

Pkt 15c,  $\frac{1}{2}$  pt 20c (by mail 25c), pt 30c (by mail 38c), qt 50c (by mail 65c), 4 qts \$1.75, peck \$3.25.

## Laxtonian Pea, the New Dwarf Gradus

This new Dwarf Pea is the largest podded of all the early Dwarfs. We consider it the greatest advance in Dwarf Peas since the introduction of Nott's Excelsior, and it must soon displace the other varieties in this class.

Season early, pods as large as Telephone and well filled with eight to ten large peas; peas of exquisite flavor; vine vigorous and productive. We were the first American firm to offer LAXTONIAN PEA and we are positive the variety will become a standard in a couple of more seasons.

Pea crops are extremely short and we advise early ordering. Pkt 15c, 2 pkts 25c,  $\frac{1}{2}$  pt 35c (by mail 39c), pt 65c (by mail 70c).

## Peas, Vaughan's Best Exhibition

A variety slightly later in season than Telephone. Vines tall and should be brushed or trellised. The pods are the largest we have ever seen grown. They contain 8 to 10 peas of the very best flavor. In trial with some fifty other kinds of tall peas VAUGHAN'S BEST EXHIBITION produced the largest and handsomest pods of any. Crop is very short this year.

Pkt 15c,  $\frac{1}{2}$  pt 30c (by mail 35c), pt 60c (by mail 68c), qt \$1.10 (by mail \$1.25).



LAXTONIAN PEA  
A Dwarf Early Pea with pods as large as Telephone.

NEW DWARF PEA—LITTLE MARVEL  
Dark green pods, very prolific and early.

# VAUGHAN'S Vegetable Seed Novelties and Specialties for 1911

## VAUGHAN'S MAGNUM DULCE PEPPER

This is the largest American variety of Pepper. The fruits are tremendous size, some growing 7 inches in length to 4 inches in diameter. The flesh is exceptionally mild, sweet and pleasant; so mild that fried like egg plant it makes a most delicious and piquant vegetable for the table.

For maximum yields it is desirable to pinch off the "King Flower," the first ones to open. These flowers make the largest Peppers. However, the yield of medium size fruits is increased by such practice. Our seed is very carefully grown and re-selected every year. Pkt 10c, 2 for 15c,  $\frac{1}{2}$  oz 35c, oz 50c



**NEAPOLITAN SALAD PEPPER**

the Upright Sweet Salad, and are so sweet and mild that they may be eaten raw like an apple. Pkt 15c, 2 for 25c,  $\frac{1}{2}$  oz 35c, oz 60c.

## NEW SWEET PEPPER

### NEAPOLITAN SALAD

The important qualities of this valuable new Pepper are great prolificness and earliness. The plants become simply loaded with fruit and in the ripening state a block of these Peppers appears a mass of red and gold.

Originated as a cross between the Upright Sweet Salad variety and Neapolitan with Dr. F. W. Van Fleet—the originator of the Upright Sweet Salad Pepper. The fruits are borne upright as is the Sweet Salad and they ripen even earlier than the Neapolitan hitherto the earliest sort of marketable size. The color is light green changing to waxen red when ripe. The fruits are of good size, as large as Neapolitan and larger than the Upright Sweet Salad, and are so sweet and mild that they may be eaten raw like an apple. Pkt 15c, 2 for 25c,  $\frac{1}{2}$  oz 35c, oz 60c.

## SAKURAJIMA RADISH

An immense Japanese variety frequently attaining a length of twenty inches and a circumference of eighteen to twenty-four inches. Specimens weighing as much as fifteen pounds have been grown. It is oval or tankard shaped with cream-colored skin and pure white flesh. The flavor is good and in spite of its large size this radish does not become pithy. Thin out to 12 to 15 inches in a row and allow for full devevelopment.

Pkt 10c, oz 15c,  $\frac{1}{4}$  lb 35c, lb \$1.25

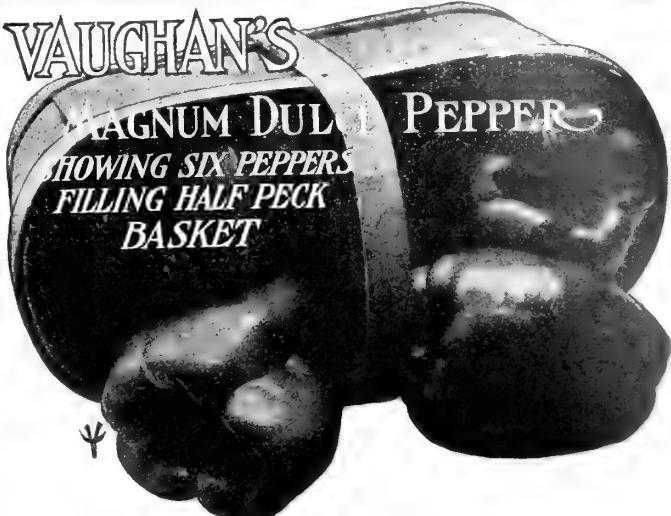
## RADISH VAUGHAN'S OLIVE CRYSTAL

The mildest and sweetest of the summer radishes. It belongs to the early summer class known to Germans as May Radishes. This new variety matures early, grows a very small top and has a small tap root. The color is a clear crystal white; the flesh is as sweet as a nut without any sharpness, yet still possessing the piquant flavor so necessary to a good radish. Olive in shape and the size of a walnut. To those who like the Icicle Radish we can recommend this new variety. Our own trials and the reports of customers prove that for the home garden there is nothing better for summer use in the Radish line.

Pkt 10c, oz 15c,  $\frac{1}{2}$  lb 35c.



**RADISH, OLIVE CRYSTAL**



## NEW POTATO VAUGHAN'S "KEYSTONE"

This new pure white main crop Potato is, we believe, destined to become a popular standard variety. It has three important requisites for a successful potato, prolificness, handsome appearance and quality. For a number of years under different soil conditions and along-side of standard and new sorts, Vaughan's Keystone has yielded as well as any and better than most. The tubers are pure white not the brownish white of most varieties. They are long and slightly tapering, more so this season; the summer drought having accentuated this peculiarity. The skin is finely netted, a sure sign of quality and the flesh marble white, fine grained and dry.

In habit of growth the vine is bushy, rather than tall and does not spread or recline in the rows, so late cultivating may be practiced without injury to the plants. Originated as a seedling from that grand parent of notable sorts Carman No. 1, and grown on by Mr. H. Ernest Hopkins, of Conneautville, Pa., from whom we purchased the entire stock. Anyone who appreciates quality in a potato should try "Keystone." Price, by freight or express  $\frac{1}{2}$  peck 40c, peck 75c,  $\frac{1}{4}$  bushel \$1.25, bushel \$2.50.



**NEW POTATO VAUGHAN'S KEYSTONE**

## NEW RADISH "VAUGHAN'S CARDINAL FORCING"

This is the handsomest Forcing Radish now on the market. Compared with Scarlet Globe, the radishes run more even in shape, are of a richer dark red color of slightly larger size, and are ready for market three days earlier. The flesh is firm, crisp, of the finest quality and seldom pithy. On account of its remarkable brittleness, this radish sometimes cracks, however this is not a serious defect. Its short leaves require little space. Excels the Scarlet Globe in popularity and market price. The best of all for early showing in the home garden.

Pkt 10c, oz 15c, 2 ozs 25c,  $\frac{1}{4}$  lb 35c, lb \$1.25



**SEEDS ARE DIFFERENT** from other merchandise. The real value of seeds can only be known after months of labor. Buy seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911

## RADISH Improved Early Scarlet Globe

VAUGHAN'S  
SELECTED STOCK



IMPROVED EARLY SCARLET GLOBE RADISH

### SPINACH — VAUGHAN'S TRIUMPH

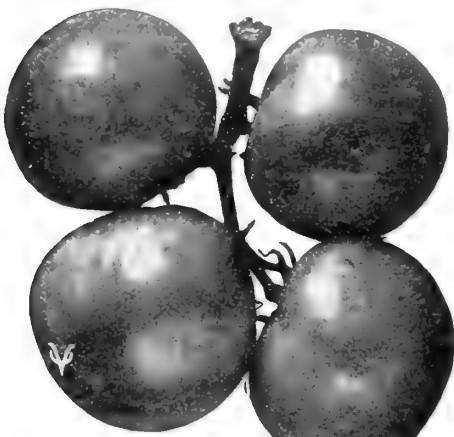
This new Spinach is a very compact grower and withstands hot weather longer than any other kind. The plant is somewhat smaller than the older sorts. In habit of growth it is prostrate instead of upright. The leaves are thick, warty and do not wilt or run to seed as quickly as the standard varieties. By its use, the Spinach season may be lengthened a whole month. Similar to the so-called "Long Season" variety.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

### VAUGHAN'S GIANT FILL BASKET SPINACH

An early giant variety—the greatest improvement in Spinach in years. Twice the size of the old Standard Victoria and just as early. See inside back cover for description.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25, lb 60c.



TOMATO EARLY DETROIT

### TOMATO CORELESS

A late red Tomato and the most perfect shaped variety yet produced. Requires a long season to mature and is best suited for the Southern and Central States. When bearing, the variety is immensely productive, yielding large clusters of four to seven fruits. A fine late sort for markets that like a red tomato, for the home garden and canners.

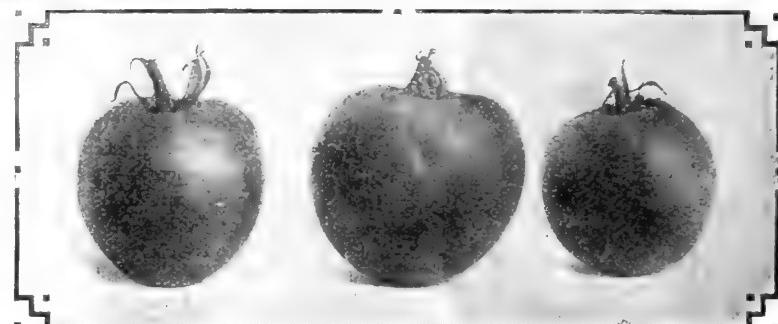
Pkt 10c,  $\frac{1}{2}$  oz 25c, oz 40c,  $\frac{1}{4}$  lb \$1.25.

### OUR NOVELTIES ARE TESTED

and may be relied upon. Just as soon as we find a new sort of proven value we list it, not before We discard hundreds where we catalogue one.

A most desirable sort for greenhouse, hot-bed forcing and for out-of-doors; very early, mild, crisp, juicy and tender; top small, and stands heat without becoming pithy. One of the best selling and most attractive Radishes on account of its handsome rich bright scarlet color. Is ready in 25 days. Our stock of this is the very best, selected with great care as to size, shape, color and earliness, and market gardeners will find it a moneymaker; it is just right in every respect. We take great pains to have it so, and our gardener customers who plant this seed always command the highest market prices. For family use this should be sown every ten days in order to always have a fresh supply. Not as desirable for hot Summer planting, as it loses its shape.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 90c, postpaid; by express, 5 lbs \$3.25, 10 lbs \$6.00.



NEW GLOBE TOMATO

### NEW TOMATO EARLY DETROIT

This is a variety maturing medium early in season, having the desirable features of bearing uniform, large, handsome, smooth fruits through a long season, yielding in the aggregate even more marketable Tomatoes than the standard and popular Beauty, which variety it most closely resembles. The fruits are almost globe shaped, firm and ship as well as any variety we know.

Both the amateur and the market gardener will be interested in this sort. It ripens early; bears a large crop, yields a long time, its fruits are large and smooth and quality excellent.

Pkt 10c, oz 40c, 2 oz 75c,  $\frac{1}{4}$  lb \$1.25, lb \$4.00.

### JUNE PINK TOMATO

The earliest Pink Tomato. Similar in habit to the famous Earliana except in color, which is pink instead of red; the pink color being more desirable in most markets.

By careful selection this variety has been bred up so there is small loss from rough fruits, and our gardeners now find it an extremely profitable sort to grow for early market. The fruits are of fair size and good quality.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c,  $\frac{1}{4}$  lb 90c, lb \$3.00.

### TOMATO "BONNY BEST"

As uniform an early Tomato as regards smoothness and evenness in size as we have ever seen. In season it is a few days later than Earliana, while the fruits run larger, nearly everyone of which is marketable, it being almost impossible to find a rough specimen. The color is an intense scarlet and for a market garden variety may be planted where Earliana is profitable. For an early variety in the home garden there is nothing better.

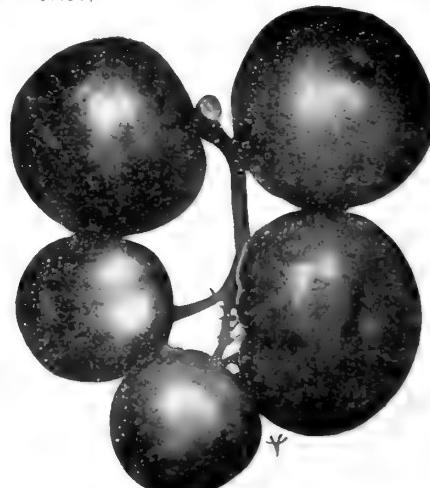
Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c,  $\frac{1}{4}$  lb 90c, lb \$3.50.

### NEW GLOBE TOMATO

This globe or apple-shaped Tomato is as near an ideal home garden sort as can be found. The shape is something new and is particularly good for slicing, leaving very little waste, one slice like another. The vines ripen their first fruit along with the second earlies; they yield a heavy crop and continue bearing until frost. In color the large fruit are a glossy rose; the flesh is firm, has very few seeds, and possesses the very finest tomato flavor and piquancy.

At first this variety showed a considerable percentage of flat fruit, but by careful selection the variety now has been improved so that there are very few off vines.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c, 2 oz 50c,  $\frac{1}{4}$  lb 90c, 1 lb \$3.50.



"BONNY BEST" TOMATO

# VAUGHAN'S NOVELTIES and SPECIALTIES

## *in FLOWER SEEDS*

THE entire world is searched each year for novelties for our catalogue, and only the very best are selected. All our seed is tested on arrival, in either a blotter or soil test, and at intervals during the season we repeat this performance. Each year, at our trial grounds, at Western Springs, Ill., we try out novelties and samples of all stock for merit and trueness.

We have thoroughly revised our list of flower seeds, omitting those which did not come up to our standard, and adding to the list many of special merit.

The signs opposite have been employed in these pages to distinguish the class to which the varieties so marked belong:

○ **Annuals** These attain full growth from seed, flower and die the first year.

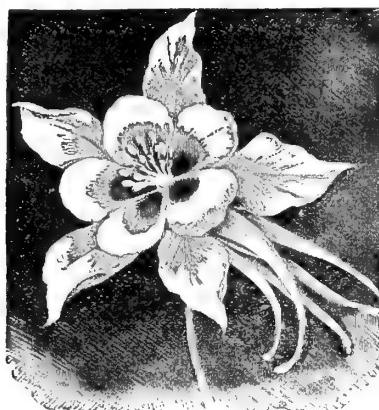
○ **Biennials** These grow from seed the first year, bloom and die the next, though some varieties bloom the first year, if sown early enough.

□ **Perennials** These last for several years, blooming annually after the first year, though some varieties bloom the first year, if sown early.

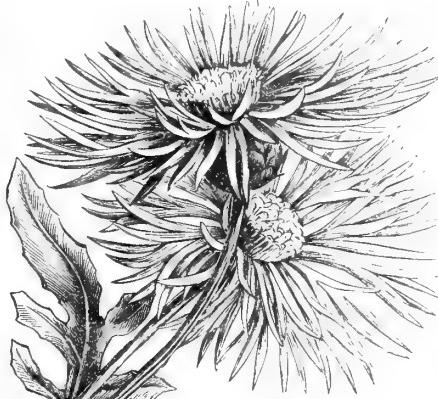
▷ **Greenhouse Plants** Start inside and cultivate in pots, or else transplant outside, when all danger is over from frost.

△ **'Stove Plants'** To be grown inside all the year round; for pots only.

§ **Climbing Plants**



AQUILEGIA COERULEA CANDIDISSIMA



AMBERBOA MURICATA ROSEA



ANTIRRHINUM DOUBLE WHITE

**AGERATUM Mexicanum Capella** ○ 10-in. Pkt

4000 This new Ageratum differs essentially from all other dwarf varieties, by the decidedly distinct and pretty rosy chamois color of its large flower clusters..... 15

**AMBERBOA Muricata Rosea** ○ 1½ to 2 ft.

4002 Extremely free-blooming and producing numerous large cornflower-like flowers about 2 inches in diameter, of a pleasing light pink. Very good cut-flower, lasting for a long time in water..... 15

**ANTIRRHINUM Albino Mixed** ○ 12 in.

4004 This Albino Snapdragon will show the most peculiar combinations of soft shades in the same flowers. The plants branch regularly, the blossoms covering the stems thickly and freely..... 10

**ANTIRRHINUM Majus Grandiflora Alba Plena** ○ 3 ft.

4005 Double White Snapdragon. An odd formation of the Snapdragon flower. Out of the mouth-like aperture in the flowers, between the upper and lower lips, emerge abnormal fantastic petals which give the double and beard-like aspect to the very large bloom. See illustration in next column..... 25

**AQUILEGIA Coerulea Candidissima** □ 2½ ft.

4006 A beautiful new white Columbine with long spurs and light green foliage, of very graceful appearance..... 25

**AQUILEGIA Large Spurred Columbine**

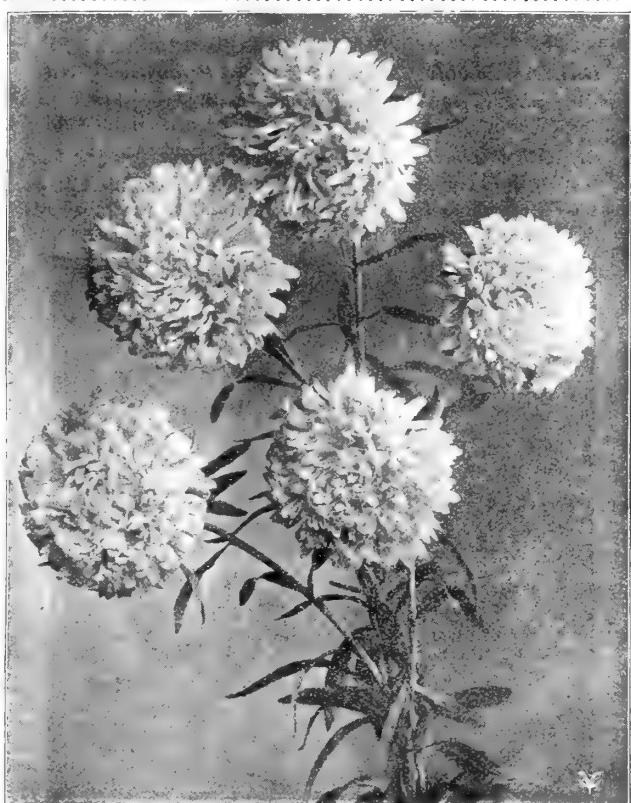
4008 A strain of an English fancier, who has been at work many years perfecting it. The colors are distinct shades of white, lavender, salmon, mauve, pink, yellow, etc. The size of the bloom is unusually large, the spurs long, the foliage is small and graceful, and the plants are very free flowering..... 25

**ASTER Smith's Peerless** ○ 2½ ft.

This strain, a selection of the Giant Branching, is without reservation the finest Aster for cutflower purposes we have ever seen. The style and substance of the flowers and formation of the plant outclassed all other Asters grown for comparative test in our Trial Grounds this season. The stems are long and wiry, the flowers of great depth and densely petaled and even a full blown flower never exhibited the yellow disk. The seed we offer is from the originator.

4012 **White**..... 25

4014 **Pink**..... 25



ASTER—SMITH'S PEERLESS WHITE

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911



*ASTER PERENNIS HYBRIDUS SEMIPLenus*

*ASTER* ⊖ 20 in.

**Giant Branching Comet, Pure White**

4011 It is extremely free-flowering, producing from 100 to 120 flowers on a plant on long stalks, which fact alone makes it extremely valuable for florists' work. The plant produces quite three times as many flowers as either the Comet or the Branching variety. The form of the flower is absolutely faultless, Pkt remaining full centered without any sign of yellow eye..... 10

*ASTER Novae Angliae* ¼ 3 ft.

4015 These New England varieties surpass in color and size of flowers all perennial Asters in existence. Colors range from the softest pink to the deepest wine red..... 20

*ASTER Perennis Hybridus Semi-plenus* ¼ 2 ft.

4016 Semi-double Michelmas Daisy. Produces a large percentage of semi-double flowers of various tints..... 25

*BALSAM Double Camellia Flowered Primrose* ⊖ 2 ft.

4018 Strong plants thickly studded with large flowers of a clear yellow much superior to the tints offered as light yellow. 20

*BEGONIA Gracilis Luminosa Prima Donna* △ △ 1 ft.

4020 The plants make broad, full bushes with dense foliage. The flowers are about 1½ inches by 1 inch and of the most brilliant clear pink which shades into carmine rose toward the center. 50



*CENTAUREA CYANUS DOUBLE BLUE*



*NEW OSTRICH PLUME CELOSIA*

*PRIDE OF CASTLE GOULD*

**BEGONIA Double Tuberous Rooted Lafayette Hybrids** 8 in.

4022 The large double flowers are borne freely above the Pkt metallic brown foliage. It is sun-proof and well adapted for outdoor bedding..... 50

*BIDENS Atrosanguinea Hybrida* ⊖ 1½ ft.

4024 Hybrids of the Miniature Black Dahlia or Black Cosmos. The flowers are 1¾ to 2 inches across, vary in all shades from rosy carmine to deep blood red..... 15

*CELOSIA Plumosa, Pride of Castle Gould* ⊖ 2 to 3 ft.

4025 This new introduction excels all the Ostrich Plume Celosias ever offered. The plants grow compact and pyramidal and produce immense flower heads, resembling willow plumes, in many remarkable shades..... 50

*CENTAUREA Cyanus, Double Blue Cornflower* ⊖ 2½ ft.

4026 Same shade as the Blue Emperor. Plant is more vigorous and the flowers semi-double and have a remarkable lasting quality when cut. The plants were in bloom from early summer until frost in our Trial Grounds this last season..... 10

*CENTAUREA Cyanus Double White*

4028 Glistening white, semi-double..... 10

**CHRYSANTHEMUM Single Early Flowering Hybrids** ⊖ 1½-2 ft.

4032 Single Chrysanthemums have been in favor several years, but since their flowers open late in fall they had to be brought under glass with the beginning of bad weather in order to develop the flowers to their full beauty. With the introduction of the single early flowering hybrids we present a new race, which with the simplest culture will flower in July, not necessitating treatment under glass. The seeds should be planted in May, in pots or pans and the young plants as soon as they are strong enough should be set out where they are to flower..... 25

*LEUCANTHEMUM Praecox Perfectum* ¼ 2 ft.

4034 One of the noblest forms of the early Ox Eyed Daisies. It produces showy, snow white flowers 3 to 4 inches in diameter on wiry stems with a small yellow disk. The petals are nearly ½ inch in width. It flowers much earlier than others.. 20

*LEUCANTHEMUM Burbank's New Double Fringed* ¼ 2 ft.

4035 This new Shasta Daisy is an absolute perpetual bloomer throughout the whole year wherever it has a chance. In fact the blossoms must be cut or it would bloom itself to death. The blossoms may be cut by the armful. About one-third will come double, the remainder being extremely large single fringed flowers..... 25

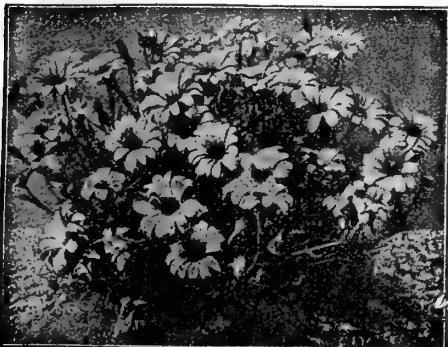
*CYCLAMEN Glory of Wandsbek* △ ⊖ 1 ft.

4036 Few plants are better adapted to pot culture for winter and spring decoration than Cyclamen. They are easily grown from seed. This variety has rich salmon flowers, a new shade in this family..... 10



*BALSAM DOUBLE CAMELLIA-FLOWERED PRIMROSE*

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911



DIMORPHOTHECA AURANTIACA



DIANTHUS SILVER EDGE



FREESIA HYBRIDS

## DELPHINIUM Belladonna Hybrids $\frac{1}{2}$ to $2\frac{1}{2}$ ft.

Pkt

4038 The value of the original type of Delphinium Belladonna is well known and appreciated. Its freedom of growth, lovely sky blue flowers, long and continuous blooming qualities have placed it in the foremost rank of choice hardy plants. Our new strain of this lovely, hardy Larkspur contains not only the sky blue of the parent type, but all shades from the palest to the darkest blue. The various intervening shades of sapphire, turquoise, indigo, etc., are rich and beautiful beyond description. The plants are dwarf in growth, and unlike the old perennial Larkspur, require no staking. They branch freely from the crown and bloom without intermission from early spring until late autumn, with increasing vigor to plants each succeeding season. The blossoms are much larger than the older variety, with much better arrangement on the spike. The foliage is deeply dentate, giving a most graceful and fernlike appearance to the plant and offering a beautiful foil to the gracefully poised spikes of bloom. Comparatively speaking, there are few blue flowers in nature, and none can excel the exquisite shades found in the various good Delphiniums; and now we have produced a practically ever-blooming strain, further increasing their value to the garden.....

25

## DIANTHUS Barbatus Johnson's Giant (Sweet William) $\odot$ 2 ft.

4040 The individual flower is the size of half a dollar. Besides this, the range of color includes shades which are not to be found in other strains, and the peculiar and delicate markings on the flowers are most attractive.....

15

## DIANTHUS Barbatus Sutton's Scarlet (Sweet William)

4042 A vivid scarlet color; very striking.....

15

## DIANTHUS Hedewigii Marginatus Silver Edge $\odot$ 8 in.

4044 This most striking novelty forms fairly dwarf and compact growing bushes and flowers very richly and willingly, bearing its medium sized flowers quite regularly above the foliage, forming a pretty bouquet of fascinating appearance. The flowers are dark blood red with a purple hue, and have a uniform white edge round the whole flower which is slightly fringed.....

15

## DIANTHUS Hedewigii Superbissimus Mixed Single

4045 A lovely new strain of Dianthus; flowers are very large, of various colors, with waved petals and white throat.....

10

## DIMORPHOTHECA Aurantiaca $\odot$ 1 ft.

4046 The Golden Marguerite. A rare and extremely showy annual from South Africa which has become a great favorite on account of its very easy culture and beautifully colored flowers. Its Marguerite-like blossoms, produced in great profusion, are  $2\frac{1}{2}$  to  $3\frac{1}{4}$  in. in diameter. These are a unique glossy rich orange gold, which brilliant coloring is rendered more conspicuous by the dark disk surrounding the black zone.....

10

## ESCHOLTZIA Burbank's White, Crimson and Gold. $\odot$ 1 ft.

4048 This is a mixture of the three named colors, made by Mr. Luther Burbank, and produces a very pleasing contrast.....

10

## FREESIA Hybrids $\triangle$ 1 ft

4050 Freesias are lovely pot plants, usually grown from bulbs, for their elegance and the sweet fragrance of their flowers. Heretofore the flowers have been white, but this new creation contains singular colors not as yet seen in Freesias, and will bloom the first year from seed.....

20 seeds..

25

## GERBERA Jamesoni Hybrids $\frac{1}{2}$ $\square$ $1\frac{1}{2}$ ft.

4052 Transvaal Daisy. By artificial hybridization the old scarlet Transvaal Daisy is produced in a great number of varieties, varying in color from pure white through shades of yellow, red and salmon, orange, scarlet to violet red. The large well formed Marguerite-like flowers are borne on long and strong stems and furnish an unsurpassed material for bouquets, lasting in water for two weeks.....

25

## HELENIUM Riverton Beauty $\frac{1}{2}$ 3 ft.

4054 Lemon yellow flower with black cone. Excellent for planting in borders and wild gardens.....

10

## HELENIUM Riverton Gem 3 ft.

4055 Of strong growth. Covered from the middle of August to the end of October with brilliant flowers, which, on opening, are old gold suffused with terra cotta, changing as they mature to a Wall flower red.....

10

## HELIANTHUS Cucumerifolius Purpureus $\odot$ 3 ft.

4056 Red Sunflower. A Sunflower whose flowers show the red colors so much desired and sought for. The whole scale of colors from light pink to deepest red is to be found in these new hybrids. The diversity of forms of these red sunflowers is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which on their part, appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk. A novelty of extraordinary merit.....

20

## HELIANTHUS Cucumerifolius Hybridus

### Vaughan's Special Mixture of Cut-and-Come-Again Sunflower

4060 This strain has been improved constantly for the last few years, so forms and shades of unusual and exceptional beauty are found among them. We have grown all the named varieties in our Trial Grounds, and upon the basis of information so gained have arranged this Mixture in right proportion. This is one of our new additions to our famous list of VAUGHAN'S SPECIAL MIXTURES. Ornamental in the garden and for cut flowers unsurpassed.....

10

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911

*IMPATIENS HOLSTII Nana Liegnizia* ⊖ 10 in. Pkt.

4062 A low, compact form of Zanzibar Balsam, which is well adapted for edging in half shady places. Its production of flowers is immense and the plant resembles somewhat a Begonia Gloire de Lorraine; color ranges from deep rose to vermillion red. 25

*LOBELIA Hybrida Amanda* ⊖

4064 This new Lobelia is recommended especially for hanging baskets and porch boxes. The distinctive feature is the rosy lilac color with a sharply defined pure white eye. 20

*NASTURTIUM Dwarf David Burpee* ⊖ 1 ft.

4066 Peculiar wavy emerald green foliage. Plants grow compact. The velvety dark scarlet flowers are carried well above the foliage. 10

*TALL NASTURTIUMS New Varieties* ⊖ 4 ft.

4068 *Emma Alida* Dark ivy-leaved foliage, with golden yellow, orange and deep scarlet laciniated flowers. 5

4070 *Fimbriata Mixed* Fringed sorts in mixture. 5

4072 *Lacinata Mixed* Flowers rich scarlet, deeply cut. 5

4074 *Princess Juliana* Dark ivy-leaved foliage, with deeply cut flowers of orange yellow, spotted red brown. 5

4075 *Queen Alexandra* Variegated leaves, flowers blood red, marbled and mottled. 5

4076 *Queen Emma* Variegated leaves, deep scarlet flowers. 5

4078 *Queen of the Morning* Variegated leaves, flowers turcora color. 5

4080 *Queen of Spain* Variegated foliage, flowers golden yellow, with brown spot. 5

4082 *Queen Wilhelmina* Variegated leaves, flowers rich, rosy scarlet. 5

4084 *Queen Type Mixed* New hybrids, with variegated foliage. 5

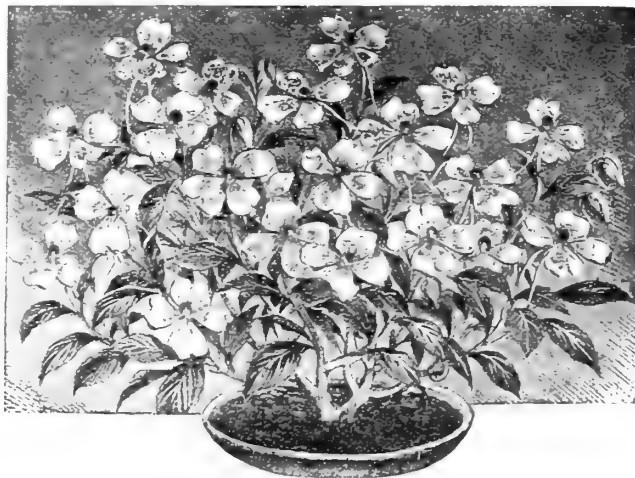
4085 1 pkt. each of the above 10 new Tall Nasturtiums for. 40

*PANSY* ⊖ ⊕ 6 in

4086 *Orchid Flowered Almond Blossom* A most delicate supplementary shade of the true Orchid Flowered Pansy, of a delicate rose color. 15

4088 *Orchid Flowered Mammoth* An odd combination of light greenish yellow ground, with deep purple blotches. The upper petals are crisped and curled. 15

4100 *Orchid Flowered Superba* This is an improvement on the original Orchid Flowered mixed, containing light shades not known so far. 15



*IMPATIENS HOLSTII NANA LIEGNITZIA*

*PETUNIA* ⊖ 1½ ft.

Pkt

4102 *Hybrida Editha* A small, profuse bloomer, useful for outside bedding and boxes. The flowers are rose, with a dark carmine star, veined and netted with brilliant carmine. Quite attractive. 15

4104 *Hybrida Compacta Gloria* 12 in. A new valuable addition to the dwarf small flowering Petunias. The flowers are brilliant carmine, a very conspicuous color, and appear in great abundance. Excellent for pots and bedding in masses. 10

4105 *Hybrida Superbissima Nana* A dwarf strain of the superbissima type, with many new shades, deeply throated and beautifully veined. 20

4106 *Hybrida Veilchenblau* 1½ ft. The true violet blue Petunia. Valuable for porch boxes. 15

*PHLOX Salmon Star* ⊖ 6 to 8 in.

4107 A welcome addition to the class of the dwarf Hortensia-Flowered Phlox so extensively cultivated on account of its vigorous and uniform growth. The flowers, borne in immense trusses, are usually large and of a pleasing salmony rose with a clear white center. Very attractive for bedding. 5



*NASTURTIUM QUEEN WILHELMINA*



*PETUNIA HYBRIDA COMPACTA GLORIA*

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911

## POPPY ◎ 2 ft.

4108 **Black Prince** A beautiful single Poppy of brilliant blackish brown color with a violet hue, contrasting wonderfully with the whitish stamens and the yellowish green seed pods. If cut while in bud they last in water for a long time..... Pkt 10

4110 **Burbank's Selection 1910** 1½ ft. A beautiful selection of single fringed flowers in charming colors, of mostly light shades..... 10

4111 **Empress of China** 2 ft. A beautiful single Poppy, white, with a narrow scarlet band around the edges..... 10

4112 **King Edward** 2½ ft. A new single Poppy, producing flowers of a deep scarlet, shaded crimson, with a large black blotch at the base of each petal..... 15



## PRIMULA OBCONICA Grandiflora Fire Queen ▲

4113 Among all the Primula Obconica varieties introduced so far this is the most brilliant. The flowers are of medium size, well shaped, and stand in beautiful round clusters. They are of a fascinating brilliant salmon carmine color..... 25

## PRIMULA OBCONICA Compacta ▲

4114 The dense large clusters of well-shaped flowers stand on stiff, solid stems, a little above the strong foliage, so the plant in bloom appears to be a bouquet in crepe paper. The color varies, especially in lilac and pink shades. This variety is not adapted for cut flowers, but makes a beautiful pot plant..... 25

## SALVIA Fireball △ 1½ ft.

4115 It has larger flowers and is also more free flowering than any other kind. The bushy plant is covered with a great number of flower spikes of the most fiery scarlet. The plants branch freely, the side shoots often producing 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. It is the earliest of all, flowering by the middle of July and continuing until frost..... 15

## SWEET PEAS ◎ \$ 5 ft.

4118 **Ethel Roosevelt** A true Spencer. The ground color of the flowers is soft pleasing primrose, overlaid with dainty flakes and splashes of blush crimson..... 20 seeds.. 25

4120 **Florence Nightingale** The largest and best lavender Spencer in existence..... 20 seeds.. 25

4122 **Rose Du Barri** A new color in the grandiflora type, deep rich carmine, rose and orange..... 20 seeds.. 15

Pkt

10

10

10

15

25

## SCABIOSA Caucasia Diamond ¼ 2½ ft. Pkt

4116 Extremely deep, almost black-blue, profuse bloomer, of strong growth..... 25

## ZINNIA New Double Giant-Flowered or Colossal ◎ 3 ft.

The public will hardly recognize the old fashioned flower in this new guise. The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting.

### 4126 White .....

25

### 4128 Golden Yellow .....

25

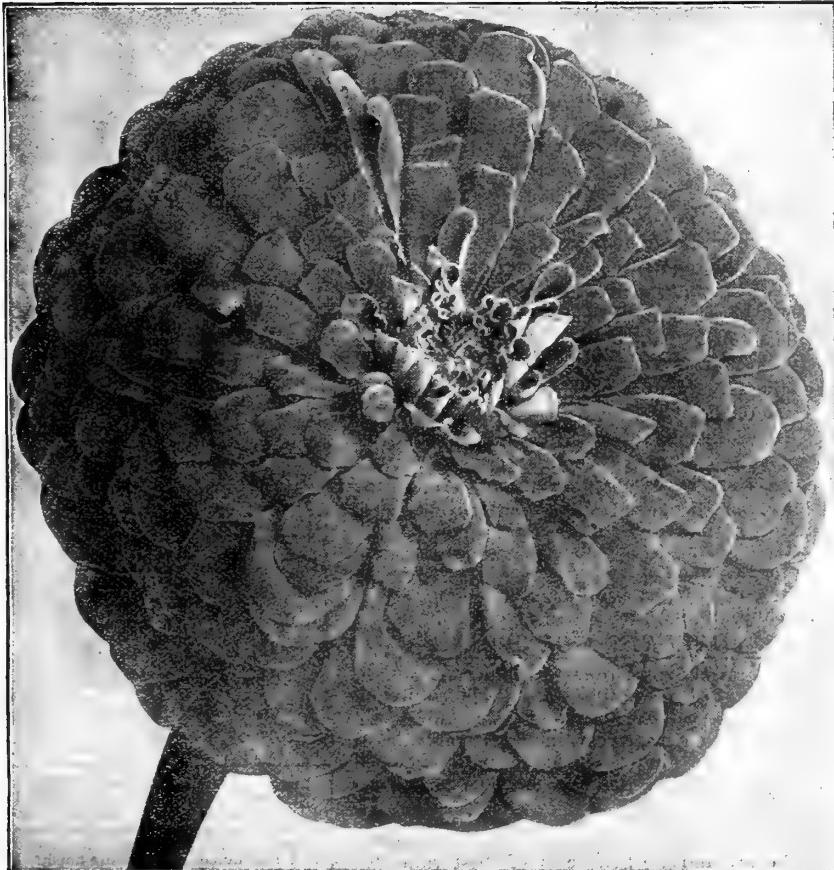
### 4130 Scarlet .....

25

## VERBENA Hybrida Gigantea ◎ 9 in.

4124 A new giant flowered strain introduced by a famous specialist of Verbena. Red shades predominate in this mixture, the flowers of which are surprisingly large, and are marked throughout with a distinct brilliant white eye..... 25

4125 **VERBENA Mammoth Rose Queen** 9 in. A new mammoth Verbena of a distinct rose color. The flowers are exceptionally large.... 15



ZINNIA NEW DOUBLE GIANT-FLOWERED OR COLOSSAL



SALVIA FIREBALL

# STRIKING GLADIOLI NOVELTIES FOR 1911

## Magnificent Giant Hybrid Gladiolus

### VAUGHAN'S "MASTODON"

Dr. Van Fleet, hybridizer of our famous "Princeps," is also the breeder of Mastodon, which he gave into our possession for distribution to the public three years ago. Owing to the very limited stock and its slow production from limited bulblets we are now offering for the first time and a few bulbs only. Mastodon is, as its name implies, immense both in its flowers and the growth of stalks. The individual flowers are six inches broad with sometimes three in full bloom at a time. The stalks and leaves are very strong and heavy and grow 4½ feet— even taller than Mrs. Francis King. No gladiolus of the well known flowering kinds come within ten inches of its height. It shows its Princeps parentage in the same brilliant scarlet color, set off with pure milk-white streaks, which, starting in the throat, fade out in the middle of the lower petals. It grows so large that it does not bloom early like the forcing kinds. The cut spikes make a splendid showing in large vases, while the mammoth stalks in flower beds or among border plants are very striking. We control the entire stock. Scores of growers have desired to secure this giant for hybridizing.

Price (stock very limited), each, prepaid, \$1.00.

### = = VAUGHAN'S PRINCEPS = =

Princeps has more than verified, by its wonderful popularity in both Europe and America, the claims made by us in introducing it in 1903. Its wonderful size of flower, perfect shape, brilliant coloring, and artistic form of flower spike are each so notably an improvement over all other varieties, that all combined, place it in the front rank. The flowers are 5 to 6 in. broad, the petals are very wide and rounded, well reflexed, forming an almost circular flower. The color is brilliant scarlet-crimson, carrying mostly three broad white blotches on the lower petals. Spikes 4 ft. in height produce 12 to 15 flowers, opening in succession, forming a continuous bloom for two weeks.

First Size Bulbs—Each 20c, 3 for 55c, doz \$2.00, 100 for \$13.00.

Second Size Bulbs—Each 15c, 3 for 40c, doz \$1.80, 100 for \$12.00.

These are all blooming bulbs, prepaid to any address in the United States.

### NEW TYPE OF GLADIOLI—"GLORY"

#### WITH "RUFFLED" PETALS

This sort, called "Glory," is one of the best so far appearing in the new and quite distinct strain "Ruffled." The broadly expanded, wide open flowers, paired by twos, all face in the same direction and are carried on straight stout stalks, fully 3½ feet. From three to eight of these handsome flowers are open at one time. Each petal is exquisitely ruffled and fluted at the edges, such as is only noticeable in orchids. It gives the flower a refined appearance and it appeals instantly to the fancier.

The color is a delicate cream pink, with a most attractive crimson stripe in the center of each lower petal, the shade of which is unique in Gladiolus. The ruffling of the petals in this popular flower has attracted much attention the country over. It is claimed by the grower, who has worked out this type, that later on he will have a wide range of colors in this class. He claims distinctness in form, even as the "Spencer" types of sweet peas exceed the old forms.

Price, full-sized bulbs, each 35c, doz \$3.50; 50 for \$12.00 by express.

**Golden Queen**—New, bright cream color, with a clean cut diamond-shaped blotch of carmine. Holds its strong color better than most yellows after maturing. The flower is wide open and of good quality. **Each 10c, doz \$1.00**

**Klondyke**—Light yellow, with crimson maroon blotch, a very desirable variety for cut flowers. **Each 10c, doz \$1.00**.

### NOVELTY MIXTURES FOR 1911

**Blue Hybrids.** Offered for the first time; with blue as a base, the mixture gives a wide range of most interesting purple and wine shades. Price, each 10c, 3 for 25c, doz 75c, prepaid; 100 \$5.00, by express.

**Pink and White Blend.** New this year, includes many light, white with pink variegated, and various shades of pink; includes America and Augusta; very choice. Price, each 10c, 3 for 20c, per doz 60c, prepaid; per 100 \$3.00; 250 for \$7.00, by express.

**Vaughan's "Rainbow" Mixture.** Made up from many choice named kinds in our large collection. The best general collection we can make up and we believe is of best value for the price charged of any mixture now offered to the public. Price, each 10c, 3 for 25c, doz 65c, prepaid; per 100 \$3.50, per 1000 \$30.00, by express.



VAUGHAN'S MASTODON  
(Less than half natural size)

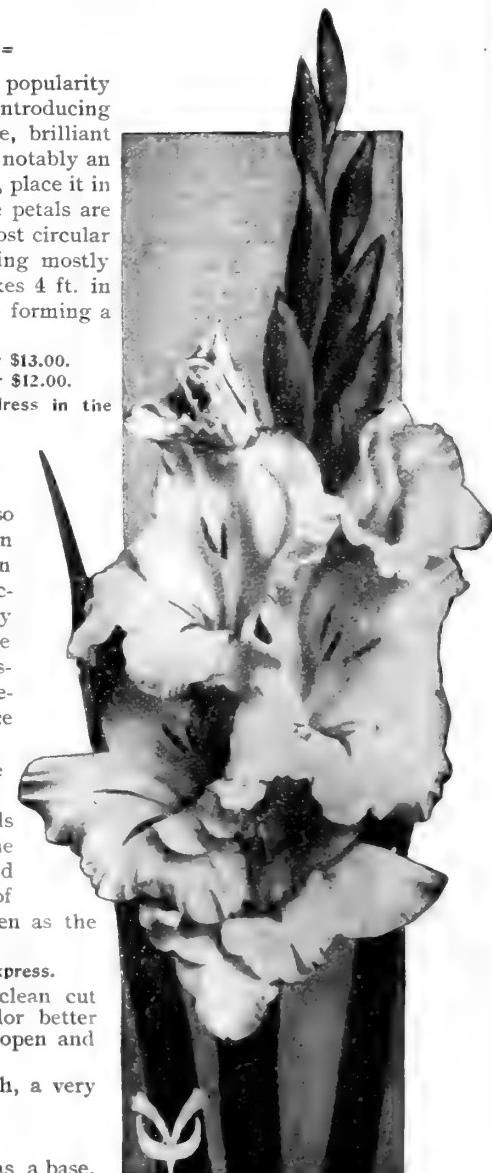
SANTA ROSA, CAL.,

November 22, 1910.

The Ruffled Gladioli which you sent me last Spring bloomed nicely this Summer. It is a fine light color, elegantly ruffled, and a strong grower. The Ruffled Gladiolus, like the ruffled sweet pea, has a refined appearance which the common flat ones do not possess.

Yours very truly,

LUTHER BURBANK.



RUFFLED TYPE "GLORY"  
(About two-thirds size)

January 2, 1910.  
The cream-colored variety of Ruffed Gladioli in our trial at Little Silver, N. J., two years ago, was entirely satisfactory; it has good color, fine spike and substance and exquisite finish. I should regard it as an excellent garden variety.

W. VAN FLEET.

# GLADIOLI MOST POPULAR IN AMERICA

## MRS. FRANCIS KING—Vaughan's Giant Flowered of 1906

This splendid plant has proven, so hundreds of our florist customers tell us, that we did not know how good a variety we had when we introduced it or we would have asked double the price. It is firstly a splendid strong growing sort, always very vigorous and healthy, free from disease in bulb or leaf; next it has a long effective flower spike with individual flowers  $4\frac{1}{2}$  inches across and 5 to 6 flowers open on a spike at one time; then, with above striking growth and appearance, the color is of a Flamingo pink blazed with some red and most effective both in daylight and under artificial light. Displayed in show windows it sells at double prices over usual show kinds and it is ideal for table, store or parlor decorations.

Prices—First sized bulbs each 5c, doz 50c, 100 for \$3.00 by express. Bedding size, about 1 to  $1\frac{1}{2}$  inch diameter in lots of 25 or more at 25 for 65c, 50 for \$1.25, 100 for \$2.25 by express. Get these and grow a stock.

### = = = CHAS. L. HUTCHINSON = = =

One of the "Princeps" hybrid seedling supplied us by Dr. Van Fleet. In splendid growth of plant and size of flowers it equals its parent. The color of the flowers is a rich blood red, the middle rib of each petal being a shade deeper and the color is intensified by the warm, velvety luster. The foliage is healthy and of a bluish green, contrasting beautifully with the deep color of the flowers. Free flowering and lasting. Mr. Chas. L. Hutchinson, president of the Chicago Horticultural Society, and Chicago's foremost public spirited citizen, has kindly permitted us to give his name to this beautiful new variety, which has never been disseminated to the public until here offered in our Gardening Illustrated for 1911. Price—Fine large bulbs prepaid, each \$1.00, 3 for \$2.50.

### = = = = = AMERICA = = = = =

This beautiful variety with its soft lavender pink color, its full symmetrical spike with its rounded double row of many flowers in bloom at one time has been accepted with great enthusiasm by the cut flower growers; they found the blooms not only very popular with the public as cut flowers but that the bulbs could be planted in greenhouses in winter and thus bloom very early. It has had a very large sale, and will probably this season be more in demand than any other named sort, not even excepting Mrs. Francis King. Our bulbs are mainly of the introducer's stock and are sound and healthy. Has received many exhibition honors.

Price—First size each, 10c, 3 for 20c, 25 for \$1.25, 50 for \$2.35, 100 for \$4.25 by express.

Special Bedding Size—in lots of not less than 25—price, 25 for \$1.00, 50 for \$1.90, 100 for \$3.75.

## Vaughan's NOVELTY GLADIOLI COLLECTION



AMERICA  
(One-half natural size)

### "PRINCEPS" GLADIOLUS

The most remarkable variety introduced by us. We refused orders for more than 20,000 bulbs last year. See opposite page. Order early.



CHAS. L. HUTCHINSON  
(One-half natural size)

### VAUGHAN'S TEN NOVELTY GLADIOLI

**Baron J. Hulot.** Dark velvety purple flower of the Lemoine type, tall and slender, flowers thickly set on spike. Best blue we have seen. Each 15c, 3 for 40c, doz \$1.50.

**Elizabeth Kurz.** A pure white variety with a faint touch of red deep down in throat. Strong grower, straight stem. Each 50c, 3 for \$1.35, doz \$5.00.

**Heinrich Kuester** (German Novelty). Large deep blood red flowered with carmine-violet and black streaks, with brilliant velvety texture of petals. Each 30c, 3 for 95c, dozen \$3.50.

**Lapageria.** Tall growing, vigorous sort; color soft carmine with dark stripes. Each 15c, 3 for 40c, doz \$1.50.

**Mephisto.** Large spike, early flowering. The center of the flower is a coppery scarlet, fading out towards the tips of the petals into dark carmine. The whole flower is tiger-spotted with fine dots of reddish brown; 5 to 6 blooms are open at a time. Each 35c, 3 for 95c, dozen \$3.50.

**Silvretta.** Creamy white with carmine blotches on lower petals, spike strong and tall. Blooms later than most sorts. Each 10c, 3 for 25c, doz \$1.00, 100 for \$7.00.

**Velvet King.** Fine dark scarlet similar to old variety Brenchleyensis. Veined on two lower petals with a darker color. Vigorous grower. Flower is of good velvety substance and nearly as large as Mrs. Francis King. Each 15c, 3 for 40c, doz \$1.50, 100 for \$10.00.

**Scribe.** A grand Childsii; beautiful large well opened flower, tinted white, carmine stripes. Each 15c, 3 for 40c, doz \$1.35.

**Sulphur King.** It produces a very long spike of the clearest sulphur yellow flowers yet seen in any Gladiolus. Each 20c, 3 for 55c, doz \$2.00.

**Wild Rose.** A splendid type of the strong growing Childsii; color bright delicate rose. A splendid cut bloom; good forcer, flowering early under glass. Each 25c, 3 for 65c, doz \$2.50.

### ... SPECIAL OFFER B G ...

One each of the above ten NOVELTY VARIETIES

Prepaid \$2.25

### WE WON AT ST. LOUIS

The only grand prize for Cannas and Plant Novelties. Other medals for Rose, Baby Rambler; Canna, King Humbert; Gladiolus, Princeps; Dahlia, Sylvia; New Salviyas, Pertunias, Verbenas, etc., etc. At the World's Fair Flower Show we received the only GRAND PRIZE awarded for decorative and flowering plants.

### THE BOOK OF GLADIOLUS

The first authoritative book on this bulb ever printed in America, or possibly in the world, will be published by Vaughan's Seed Store, Chicago and New York, issued April 1, 1911, written by Matthew Crawford and Dr. W. Van Fleet. From 80 to 100 pages bound in cloth and fully illustrated. Many chapters cover all sides of growing, propagating, storing, etc. A necessity for both amateur and grower. Price postpaid \$1.25.

# VAUGHAN'S Flower Seed Novelties and Specialties for 1911

## VAUGHAN'S 12 BEST SWEET PEAS



FOR a number of years we have offered under this head a selection of the best twelve distinct shades of Sweet Peas. This selection is supported by our own trials as being the best and distinctly complete list of the number included. We revise this list each year and bring it up to date.

### WHITE White Spencer

3228 Produces in the greatest profusion, flowers of enormous size that Pkt are absolutely pure white. The standard is decidedly waved, crinkled, and fluted, and measures 1 $\frac{1}{4}$  inch across by 1 $\frac{1}{2}$  inch in depth. The wings are fully 1 inch wide. The flowers are borne three and four to the stem; the stems measure from 12 to 15 inches in length. The vines are most vigorous in growth and are nearly covered with bloom, while the flowers retain their enormous size throughout the season. Of fine substance, the magnificent flowers are unsurpassed for cutting and for keeping after being cut.....  $\frac{1}{4}$  lb 35c, oz 10c.. 5

### PRIMROSE Primrose Spencer

3226 Pronounced primrose color throughout, both standard and wings are waved.....  $\frac{1}{4}$  lb 35c, oz 10c.. 5

### WHITE PINK-EDGED Dainty

3412 Pure white edged with light pink on both standard and wings; long, stiff stems bearing usually four flowers.....  $\frac{1}{4}$  lb 25c, oz 10c.. 5

### SHELL PINK Countess Spencer Variety

3212 Flowers are exceptionally large, delightful soft pink, shading a little deeper at the edge of the petals and borne on long, stiff stems. The edges of all the petals, wings and standard are wavy.....  $\frac{1}{4}$  lb 35c, oz 10c.. 5

### PINK AND WHITE Blanche Ferry

3405 This is a very popular color combination, bright carmine rose standard with white wings tinged with pink.....  $\frac{1}{4}$  lb 20c, oz 10c.. 5

### ORANGE Helen Lewis

3218 Standard crimson orange, wings orange rose, very large size, wavy edges, usually four flowers to a stem.....  $\frac{1}{4}$  lb 50c, oz 15c.. 10

### CARMINE George Herbert

3214 Bright rose carmine, large wavy flowers.....  $\frac{1}{4}$  lb 35c, oz 10c.. 5

### SCARLET King Edward VII Special Selection

3436 An improved strain of the original King Edward VII; color bright, crimson scarlet, large sized flowers.....  $\frac{1}{4}$  lb 40c, oz 15c.. 10

### LAVENDER Frank Dolby

3425 Large flowers, with bold wavy standard, light lavender color.....  $\frac{1}{4}$  lb 20c, oz 10c.. 5

### MAGENTA Mrs. Charles Mander

3448 Standard and wings a rich magenta, waved.....  $\frac{1}{4}$  lb 40c, oz 15c.. 10

### BLUE STRIPED Helen Pierce

3430 Pure white veined, mottled and marbled with bright blue.....  $\frac{1}{4}$  lb 20c, oz 10c.. 5

### MAROON Black Michael

3404 Pure maroon, distinct self color, large-sized flowers.....  $\frac{1}{4}$  lb 20c, oz 10c.. 5

3360 *Mixture of the above 12 best Sweet Peas*..... 1 lb \$1.25,  $\frac{1}{4}$  lb 35, 1 oz 15c

## Vaughan's 12 Best

**SWEET SPECIAL OFFER 48A  
PEAS SPECIAL OFFER 48B**

The above 12 best Sweet Peas, 1 regular size packet (regular price 75c), 50c.  
The above 12 best Sweet Peas, 1 ounce of each (regular price \$1.35), \$1.00.

We secure each year from English hybridizers their first introductions, often paying as high as \$30.00 per pound. These seeds are planted by our California growers who raise for us thousands of pounds, growing the different varieties in most carefully separated plats, that no mixture may occur. Besides English Novelties we have many new California Seedlings, naming such as are of distinct merit. These pages will show that besides adding all these magnificent novelties in flowers and types, we have not failed to retain all the best of our grand list, comprising all colors and shades, which for more than 30 years have made Vaughan's Sweet Peas the standard in this flower everywhere.

California Grown Sweet Pea Seed is the standard everywhere. The question of superiority of any particular grower's stock is merely one of carefulness and skill combined with integrity and a knowledge of the varieties. We have fully verified the above at our Trial Grounds at Western Springs.

Leaflet "HOW TO GROW SWEET PEAS," free with order if asked for at the time of ordering

For COMPLETE LIST OF VARIETIES see our Sweet Pea page in General List

# The Vegetable Garden

IT IS no longer a secret that ideal vegetables for the home table can only be obtained in one's own garden, and are eaten under the best conditions, as to flavor and sweetness, only when put to use at the hour or moment when the growth is perfected. Even small spaces in the home garden can be made worth while. Market-sold vegetables, twenty-four or twenty-eight hours old, are poor and expensive, while for the home garden the seed is cheap and the labor both helpful and pleasurable. **Vaughan's Seeds** satisfy the careful gardener. Nine-tenths of the prizes awarded for best gardens in Chicago were given to growers who used our seed.

The prices quoted in this Catalog include free delivery on packets, ounces,  $\frac{1}{4}$  pounds and pounds (except where otherwise stated). They do not include delivery charges on large quantities, nor on pints, quarts, pecks and bushels. By "Freight or Express" always means that transportation charges are paid by the customer.



NEW WONDER  
BUSH  
LIMA BEAN



## ASPARAGUS SEED AND ROOTS

### ASPARAGUS SEED

Sow thickly in early spring. Transplant in one or two years, 9 to 12 inches, in rows  $3\frac{1}{2}$  feet apart. Asparagus can be cut in 3 to 4 years.

**Early Giant Argenteuil** The famous Parisian Asparagus. Grows to large size; is very vigorous and fairly free from rust. The flavor is superb. Our seed is from one of the largest Asparagus plantations near Paris. Pkt 10c, oz 15c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**Bonvallet's Giant** (See page 3. Novelties.) The best variety for home and market yet introduced. Pkt 10c, 1 oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 35c, lb \$1.25.

**Palmetto** The standard light green grass. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

**Columbian Mammoth White** Large semi-white shoots without earthing up. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 65c.

**Barr's Mammoth** Similar to Palmetto. Does better in some soils. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 60c.

**Conover's Colossal** A large fast-growing variety. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 60c.

**Artichoke**—See below.

### ASPARAGUS ROOTS

One-year roots are ready to cut two years from planting; two and three year roots, the year following setting out.

	Doz.	100	1000
Conover's Colossal, 1-year-old roots	\$0 10	\$0 50	\$4 00
Palmetto, 1-year-old roots	10	50	4 00
Columbian Mammoth White, 1-year-old roots	10	50	4 00
Bonvallet's Giant, 2-year-old roots	25	1 75	12 00
Conover's Colossal, 2-year-old roots	15	75	5 00
Palmetto, 2-year-old roots	15	75	5 00
Columbian Mammoth White, 2-year-old roots	15	75	5 00
Argenteuil, 2-year-old roots	25	95	8 00
3-year-old roots, transplanted plants for forcing:			
Bonvallet's Giant	50	3 00	25 00
Conover's Colossal	30	1 50	12 00
Palmetto	30	1 50	12 00
Columbian Mammoth White	30	1 50	12 00

If to go by mail add for postage as follows: 1-year-old roots, 5c per doz, 35c per 100; 2-year old roots, 8c per doz, 50c per 100; 3-year-old roots may be shipped by express only.

## BUSH LIMA BEANS

**New Wonder** The highest expert authorities on Garden Beans have decided this to be the best of all the large-seeded Bush Limas for general purposes. The plants are large, compact, medium season, long-bearing and very prolific. The shell pods are green, of smooth surface, slightly curved, uniform and large, usually containing three seeds. This originated from one of the first types of Bush Limas, but is earlier and more compact in habit, and with less tendency to make runners. Pkt 10c, pt 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  pk \$1.30, pk \$2.25, bu \$8.00.

**Bush Lima (Henderson's)** Earliest of all true Lima's, a reliable cropper, very productive, free from mildew, and of compact form. Pkt 10c, pt 15c (by mail 23c), qt 25c (by mail 40c), by express— $\frac{1}{2}$  pk 90c, pk \$1.75, bush \$6.50.

**Bush Lima (Burpee's)** A true bush form of the large White Lima, a circular bush 15 to 20 inches high, with a diameter 2 to 2 $\frac{1}{2}$  ft., self-supported by its own thick stems. Unsurpassed in productiveness and quality of its large, handsome pods. Pkt 10c, pt 15c (by mail 23c), qt 30c (by mail 45c), by express— $\frac{1}{2}$  pk \$1.00, pk \$1.85, bush \$7.00.

**Bush Lima (Dreer's)** A dwarf variety of Dreer's Improved Lima; very prolific, single plants often producing from 150 to 200 pods, each pod holding 3, 4 or 5 beans of excellent flavor. Does well even in dry seasons. Pkt 10c, pt 20c (by mail 28c), qt 30c (by mail 50c), by express— $\frac{1}{2}$  pk \$1.20, pk \$2.00, bu \$8.00.

**ARTICHOKE, Green Globe** A perennial, whose large flowering heads are cooked and eaten like Asparagus. Matures the second year. Not hardy in the North. Pkt 10c, oz 30c.

**Artichoke, Jerusalem** See page 137.



Davis  
Kidney  
White Wax

The most popular of  
all Market Garden  
Beans. Especially  
good on light and  
sandy soil.

#### IMPROVED GOLDEN WAX

Moderately early, of vigorous, bushy growth, rust-proof. A reliable heavy cropper, whether sown in spring, summer or early fall. Pods long, thick and solid, absolutely stringless, of golden yellow color. A standard sort for both home and market garden use. Pkt 10c, pint 15c (by mail 23c), quart 30c (by mail 45c), by express—pk \$1.60, bu \$6.00.

#### ROUND POD KIDNEY WAX

The variety is extremely early and is of superb quality, absolutely stringless. The bush is quite hardy and very prolific. The pods are round, fleshy and of excellent flavor, certainly one of the most desirable for home garden use. Pkt 10c, pt 20c (by mail 28c), qt 35c (by mail 50c), by express—peck \$1.85, bu \$7.00.

#### OTHER KINDS

Our Bean "Packets" contain a very liberal amount of seed. The price of 10c includes postage. When purchased at our store or sent by express these packages contain more seed.

The prices below, except for packets, do not include postage. If to go by mail, add 8 cents per pint or 15 cents per quart.

	Pkt	Pt	Qt	Pk
Challenge Black Wax. Extremely early; pods tender and stringless, seeds black.....	\$0 10	\$0 20	\$0 30	\$1 60
Stringless Refugee Wax. Heavily productive; pods long, stringless and brittle.....	10	15	30	1 50
Prolific Black Wax. Very early; prolific, long pod.....	10	.15	30	1 50
Valentine Wax. Second early, prolific; pods waxy yellow.....	10	15	30	1 50
Golden Eye Wax. Height, 1½ feet; early. Pods large and flat.....	10	15	25	1 40
Flageolet Wax. Resists rust; pods large, flat and yellow.....	10	15	30	1 50
Yosemite Wax. Exhibition quality variety. Pods thick, 10 to 12 inches long, golden yellow.....	10	20	40	2 25
Horticultural Wax. New. A very desirable early Bean for market.....	10	20	35	1 60
Hodson Wax. (See Novelties.) Late; heavy yielding....	10	20	30	1 50
Monster Stringless. (See Novelties.) Stringless. Largest pod of the bush varieties.....	15	20	40	2 50

## BEANS

#### Wax or Yellow Podded Varieties of Bush or Snap Beans

#### DAVIS KIDNEY WHITE WAX

The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. The vines are vigorous, extremely prolific and fairly rust resistant. We have been improving the variety in this respect—seed being chosen only from unaffected vines. The dry beans are kidney-shaped, clear white, and excellent for baking. For snap beans in the home garden this variety should be picked young, before it becomes stringy and tough. The best market garden Wax Bean. Pkt 10c, pt 20c (by mail 28c), qt 30c (by mail 45c), by express—peck \$1.60, bu \$6.00.

#### BLACK PENCIL POD WAX

The best quality round pod early Wax Bean. It has a bushy growth, height 15 inches; is extremely productive. Pods are straight, round, six to seven inches long; thick, absolutely stringless, of fine flavor; color medium yellow. The seed is black, an all round high quality sort for the kitchen garden or the market gardener. Pkt 10c, pint 20c (by mail 28c), quart 35c (by mail 50c), by express—peck \$1.60, bu \$6.00.

#### WARDWELL'S KIDNEY WAX

The best quality early Wax Bean. The pods are long (six inches), flat, even in size—a fine yellow color—brittle, and entirely stringless. A very good yielder, and pods remain tender a long time. In some localities subject to rust; however, on the prairie soils of the West, a most desirable sort both for the home and the market garden. Pkt 10c, pint 20c (by mail 28c), quart 30c (by mail 45c), by express—peck \$1.60, bu \$6.00.

#### RUSTLESS GOLDEN WAX

A much-used variety, very early, prolific, rust-proof; pods long, crisp, tender, of golden yellow color; seeds black. Pkt 10c, pint 15c (by mail 23c), quart 25c (mail 40c), by express—pk \$1.50, bu \$5.00.

#### LIMA BEANS

##### POLE OR CLIMBING

**Siebert's Early Lima** The best variety for northern planting. A popular early variety; an enormous yeller, though the pods seldom contain more than 4 seeds; pods medium long, dark green, well filled with large, fleshy, tender, fine-flavored beans. Pkt 10c, pint 20c (by mail 28c), quart 30c (by mail 45c), by express—peck \$1.75, bu \$6.50.

**King of the Garden Lima** A favorite of climbing sort, in continuous bloom and fruitage to the end of the season; pods uniform, 5 to 8 inches long, holding usually 7 perfectly formed beans of superior quality. Pkt 10c, pint 20c (by mail 28c), quart 35c (by mail 50c), by express—peck \$1.85, bu \$7.00.



Improved  
Golden Wax Bean

**Ford's Mammoth Pole Lima** The largest and most productive Lima Bean. The pods of this desirable Bean grow to an average length of 8 inches and are produced in great clusters. The pods have from 5 to 7 beans of excellent quality, both green and dry. Pkt 10c, pint 20c (by mail 28c), quart 35c (by mail 50c), by express—peck \$1.85, bu \$7.00.

**Challenger or Dreer's Improved** Thick pods of good size and flavor. Early. Pkt 10c, pint 15c (by mail 23c), quart 30c (by mail 45c), by express—peck \$1.75, bu \$6.50.

**Large Lima** The beans are large and attractive. A very popular variety. Pkt 10c, pint 15c (by mail 23c), quart 30c (by mail 45c), by express—peck \$1.75, bu \$6.50.

**Extra Early Jersey Lima** Small pods; early. An old standard. Pkt 10c, pint 20c (by mail 28c), quart 30c (by mail 45c), by express—peck \$1.75, bu \$6.50.



Siebert's  
Early Lima

## BEANS.

BUSH OR SNAP,  
GREEN POD VARIETIES.LONGFELLOW.

For a home garden bean, this variety is one of the best. The pods are the handsomest of any good quality bean, and while not entirely stringless, are nearly so. They are extraordinarily prolific, bearing a profusion of pale, soft green pods 7 to 8 inches long, straight, round, and of delicious flavor. The plant grows 12-14 inches high, is early (six weeks), and ripens uniformly. Market gardeners plant this bean in preference to any other. Vaughan's Special: Pkt., 10c; pint, 15c (by mail, 23c); qt., 30c (by mail, 45c);  ½ peck, 80c; peck, \$1.50; bu., \$5.50.

BOUNTIFUL STRINGLESS.

Extra early. Tender, large podded and a bountiful yielder. An improved Long Yellow Six Weeks, being earlier, hardier and producing many more, better and larger pods. Its long pods are very showy, and good for exhibition purposes. It is equally valuable for the gardener and the home garden. Pkt., 10c; pt., 15c (by mail, 23c); qt., 30c (by mail, 45c); ½ peck, 80c; peck, \$1.50; bu., \$5.50.

STRINGLESS GREEN POD.

See novelty and specialty pages. The most desirable all purpose green pod bean; round pods, absolutely stringless. Season is early, and the vines are extremely prolific. Vaughan's Special: Pkt., 10c; pint, 20c (by mail, 28c); quart, 35c (by mail, 50c); ½ peck, 85c; peck, \$1.60;  bu., \$6.00.

IMPROVED EARLIEST VALENTINE.

DAYS after planting. The pods are ROUND, VERY THICK AND FLESHY, WITH VERY LITTLE STRINGS, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, makes it one of the most profitable sorts for the gardener. Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); peck, \$1.40; bu., \$5.25.

**MAMMOTH SPRINGLESS GREEN POD.** A mammoth podded strain of the above, possessing the good qualities of the original stringless. Excellent to plant with the "Stringless" for succession. Pkt., 10c; pint, 20c (by mail, 28c); qt., 30c (by mail, 45c); ½ peck, \$1.60; bu., \$5.50.

BLACK VALENTINE.

This excellent variety is a great improvement over the popular standard sort Early Red Valentine, being ONE-THIRD LONGER THAN THAT VARIETY, PODS PERFECTLY ROUND AND STRAIGHT, although not quite so early. It also has the additional advantage of being suitable both for early and late planting, being extremely hardy. It will withstand early and late frosts which kill other varieties. A most desirable sort for the market gardeners, owing to its enormous yielding qualities, large and handsome appearance. Should be planted instead of either Red Valentine or Refugee, being superior to either in appearance. Vaughan's Special: Pkt., 10c; pint, 20c;  qt., 35c (by mail, 50c); peck, \$1.60; bu., \$6.00.

POLE BEANS.

These beans need poles for support. Later than bush beans, they are more productive. Pole Limas on opposite page. Prices, except for packets, do not include postage. If to be sent by mail, add 8c to the pint and 15c to the quart prices.

**Early Golden Cluster Wax.** Long golden stringless, and fine quality pods, borne in clusters; large pure white seeds. Pkt., 10c; pt., 20c; qt., 35c; peck, \$2.25; bu., \$8.00.

**Kentucky Wonder, or Old Homestead.** (See illustration.) Long flat green pods, seven to nine inches in length, fleshy and stringless. Heavy yielder. Excellent for snap beans. Pkt., 10c; pt., 15c; qt., 30c; peck, \$1.85; bu., \$7.00.

**Kentucky Wonder Wax.** (See novelty pages.) In our trials has proven the best pole wax bean. Pkt., 10c; pt., 20c; qt., 35c; peck, \$2.00.

**Scarlet Runner.** A good snap bean as well as very ornamental, having bright red flowers. Pkt., 10c; pt., 20c; qt., 30c; peck, \$1.75.

**Lazy Wife.** Thick stringless long pods borne in quantity. Also an excellent shell bean. Pkt., 10c; pt., 20c; qt., 35c; peck, \$2.00; bu., \$7.50.

**Creamback.** Early pods, long round, green, tender and stringless. White beans. Pkt., 10c; pt., 15c; qt., 30c; peck, \$1.60; bu., \$6.00.

**Dutch Casedknife.** Early, long green, flat pods. White seed. Pkt., 10c; pt., 15c; qt., 30c; peck, \$1.60; bu., \$6.00.

**Horticultural Cranberry.** Early, good for snap or shell beans; for a cool climate. Pkt., 10c; pt., 15c; qt., 30c; peck, \$1.60; bu., \$6.00.

**Burger's Stringless Green Pod.** (See novelty pages.) A fine early green pod pole bean. Stringless, of the highest quality. Pkt., 10c; pt., 20c; qt., 35c.

For Choice New Varieties, see Novelty Pages 3 and 4.

KENTUCKY  
WONDER  
POLE.

LONGFELLOW.REFUGEE, OR 1,000 TO 1.

Similar to the Valentine pods, one-third larger, tapering to a slender point. Pods are perfectly round and straight. Very hardy, so that it is good for both early and late planting. An immense producer. Pkt., 10c; pint, 15c (by mail, 23c); qt., 25c (by mail, 40c); peck, \$1.40; bu., \$5.00.

BOUNTIFUL STRINGLESS.OTHER LEADING SORTS.

Any of the following, per pkt., 10c.

The prices, except for packets, do NOT include postage; if by mail, add 8c to the pint and 15c to the quart prices.

Pt. Qt. Pk. Bu.

**EXTRA EARLY REFUGEE.** Similar to the Refugee; two weeks earlier..... \$0 15 \$0 25 \$1 40 \$5 00

**BROAD WINDSOR.** An English Dwarf Bean, eaten shelled; best of class..... 15 30 1 60 6 00

**DWARF HORTICULTURAL.** Late, heavy yielding. Flat yellow pods spotted with red..... 15 30 1 60 6 00

**EARLY MOHAWK.** Productive, long flat pods. Early, rather stringy..... 15 25 1 25 4 50

**EARLY ROUND POD.** Six Weeks. Early sort for market. Good yielder..... 15 25 1 25 4 50

**EARLY YELLOW.** Six Weeks. Similar to round sort, with flat pods..... 15 25 1 25 4 50

**IMPROVED NAVY.** Fine field sort..... 15 25 1 00 3 50

**WHITE KIDNEY.** For shell beans..... } 15 25 1 25 4 50

**RED KIDNEY.** For same use as White. .... } 15 25 1 25 4 50

**TRIUMPH OF THE FRAMES.** Small, French bean. Good under glass..... 20 40

**WHITE MARROW.** Good shell bean..... 15 25 1 25 4 50



**NEW BEET.  
VAUGHAN'S  
"FIRE-BALL"**

(See cut and description on third cover page.)

Slender leaves; flesh brilliant red; shape globe. Season early as Crosby's Egyptian.

Pkt., 10c; oz., 15c;  
2 oz., 25c; 1/4 lb., 35c;  
lb., \$1.00.

**CROSBY'S  
EGYPTIAN**

**EDMAND'S EARLY**

Roots are of good form, round, with only one single small tap root; flesh is of a deep blood red color, very sweet and tender. Plant closely, as they do not grow large and coarse, but have very small top. One of the best.

Pkt 5c, oz. 10c, 1/4 lb 25c, lb. 75c; by express, 5 lbs, \$3.00.

**LONG SMOOTH**

**DARK BLOOD**

This variety has long slender roots. The beets are seldom more than 2 inches through. Matures rather late, but is an excellent keeper. The flesh is dark red and quality excellent, sweet and tender.

Pkt 5c, oz 10c, 2 oz 15c, 1/4 lb 20c, lb 70c; By express, 5 lbs, \$2.75.

**HALF LONG BLOOD**

One of the best for winter use. Roots only half as long as the Long Blood, but weigh as much on account of their thickness. Always smooth, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in exposed portions.

Pkt 5c, oz 10c, 1/4 lb 25c, lb 75c; by express, 5 lbs, \$3.00.

**OUR KEY TEST**—All our seeds are tested for vitality in damp blotters, using in each collection a proven sample of a similar variety whose germination is positively known as a key. Correctness of the test and real percentage of growth are thus absolutely proved.

# BEET

An ounce of Beet Seed is generally sufficient for a home garden. It requires from 5 to 6 lbs. to sow an acre.

**CROSBY'S EGYPTIAN—The Best of the Early Beets**

Originally a selection from Early Flat Egyptian. Has been bred slightly thicker than the old stock, which gives it a more desirable shape, while it still retains extreme earliness; color, a deep red, almost black; flesh, sweet, smooth, tender and of excellent quality. Earlier than any other, it makes most desirable small beets for early market, of presentable size and shape. Tops are not too small, but just right for easy bunching.

This is a variety that requires most expert care in growing in order to retain in equal proportion, earliness, shape and color. Our strain is kept at the top notch by the most careful and experienced seed growers we have been able to find.

**Crosby's Egyptian, Vaughan's Selected Stock—Pkt 5c, oz 10c, 2 oz 15c, 1/4 lb 30c, lb 90c; by express, 5 lbs, \$3.75.**

**Crosby's Egyptian, Choice Stock—Pkt 5c, oz 10c, 1/4 lb 20c, lb 75c.**

**CRIMSON GLOBE—Second Early and Main Crop**

An extremely handsome, early or main-crop variety, of medium size, almost globe shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 in. in circumference, the foliage is small and of a rich bronze purple. The flesh is a rich blood red, slightly zoned and of the finest quality, always sweet and tender, never stringy. For market use as a main crop variety it is very heavily planted and a favorite everywhere. For home use it is of equal quality, slightly earlier than the Detroit, but not so dark in color.

**Pkt 5c, oz 10c, 1/4 lb 25c, lb 75c, postpaid; by express, lb 65c, 5 lbs \$3.00.**

**DETROIT DARK RED TURNIP—Main Crop**

A grand Beet for bunching for market; tops exceptionally small and upright; roots are a perfect turnip shape with small tap roots.

Color of skin dark blood red; flesh bright red. Quality of the very best, sweet, tender and lasting. All through the Western Country the Detroit has an unequalled reputation. Our stock is particularly fine shaped and dark fleshed. One of the best for the market gardener and the home garden.

**Vaughan's Selected Stock—Pkt 5c, oz 10c, 2 oz 15c, 1/4 lb 30c, lb 85c; by express, 5 lbs, \$3.50.**

**VAUGHAN'S CHICAGO MARKET**

The most perfect dark blood-red kind. Even the leaves of every beet are of the darkest glossy red, almost black color. It is turnip-shaped, medium in size, has a somewhat small top and a fine small tap root. This is a main crop variety of great merit for the home garden. It is an excellent keeper and does not become overgrown when left in the garden as quickly as do other kinds.

**Pkt 5c, oz 10c, 1/4 lb 30c, lb \$1.00.**

**ARLINGTON IMPROVED.** Early, deep round form; medium size; color dark blood red; does not become stringy, but is sweet and tender at all times.

**Pkt 5c, oz 10c, 2 oz 15c, 1/4 lb 25c, lb 75c.**

**BASSANO EARLY FLAT RED.** One of the earliest; flesh tender, white and rose in color. Pkt 5c, oz 10c, 1/4 lb 25c, lb 75c. By express 5 lbs \$3.00.

**DEWING'S EARLY BLOOD TURNIP.** Good color; medium size; smooth and handsome. Pkt 5c, oz 10c, 1/4 lb 20c, lb 70c. By express 5 lbs \$2.75.

**EARLY ECLIPSE.** Roots nearly globular, with small tap root and very small collar. Flesh dark red; zoned with a lighter shade; very sweet, crisp and tender, especially when young. Pkt 5c, oz 10c, 1/4 lb 25c, lb 75c. By express 5 lbs \$3.00.

**ELECTRIC.** As early as Egyptian, and well liked in the Eastern market. It is almost round, leaves small; color very dark rich crimson, with rings of lighter hue. Flavor delicate, rich and sugary. Pkt 5c, oz 10c, 1/4 lb 20c, lb 70c. By express 5 lbs \$2.75.

**IMPROVED EARLY EGYPTIAN.** The best variety for forcing and first early crop. Roots very dark red, rounded on top, flat beneath, small tops. Pkt 5c, oz 10c, 2 oz 15c, 1/4 lb 25c, lb 75c. By express 5 lbs \$3.00.

**BROCCOLI and BRUSSELLS SPROUTS.** See page 28.

**MANGELS.** See page 25.

**SWISS CHARD or SEA KALE BEET.** See page 52.



EARLY OBLONG  
VARIETIESCABBAGE

*Cabbage Seed* is one of our specialties. Our seed of Wakefield, All-Head, Hollander and Danish Ballhead is used by the most critical market gardeners of the United States, men whose living depends on producing the best.

VAUGHAN'S SELECTEDEARLY JERSEY WAKEFIELD

Of the extra early oblong or conical-shaped head varieties this is the best for use in the United States. It is by far the most popular of the class, and more seed is planted of this variety than of all others of the same type. Earliness, combined with hard heading qualities, are the essential features of a good strain of this sort. Our seed is the result of the most careful selection from early-maturing heads of uniform size (slightly under medium) with small outside leaves (permitting close planting).

We have taken great pains to secure a fine strain of this cabbage, and we think our reselected seed is without superior.

**Vaughan's Selected American Grown** Pkt 10c,  
 $\frac{1}{2}$  oz 20c, oz 30c, 2 oz 50c,  $\frac{1}{4}$  lb 80c, lb \$3.00.

**Early Jersey Wakefield**, imported seed. Pkt 5c,  
 $\frac{1}{2}$  oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.50.

LARGE JERSEY or  
CHARLESTON WAKEFIELD

This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later. On clay ground it will mature just as early. Largely planted by gardeners in the South. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 70, lb \$2.60.

EARLY WINNINGSTADT

One of the best for general use, being very hardy and sure to head. Heads regular, conical, very hard, and keep well both winter and summer. We supply the best imported seed.

Pkt 5c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.60

EARLY YORK

Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart.

Pkt 5c, oz 20c, 2 oz 35c,  $\frac{1}{4}$  lb 50c, lb \$1.60.

EXTRA EARLY EXPRESS

An extra early sort, in which the plants are compact, with round thick leaves, that form an oval head, which is astonishingly large for the size of the plants. The heads are comparatively thicker and less pointed than those of the Jersey Wakefield, and are only slightly later than those of that sort.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 45c, lb \$1.60.

Our prices on pounds include postage. If sent "by express," customers paying charges, 10 cents may be deducted from single pound rates.

EARLIEST ETAMPES

Very similar to Express. The heads are fully as large, not quite so hard, but are of excellent quality. Sold for "Earliest of All," "Wonderful," etc. Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 45c, lb \$1.60.

<b>Special Offer</b> —Early Jersey Wakefield, select Charleston Wakefield, Early Allhead, Vandergaw or All Seasons, Premium Flat Dutch, Bridgeport Drum-head, Danish Ballhead, late.
One packet, any three above.....
One ounce, any three above.....

EARLY FLAT VARIETIESALL HEAD or FAULTLESS

For the amateur who plants but one variety of Cabbage this is the one he should select as for all purposes it answers the requirements better than any other sort. It matures heads of large size, uniform, handsome in appearance, and of a quality which is not equaled. The outer leaves are few and close plantings may be made. Among kraut growers it is the most popular variety for the largest tonnage possible may be raised to the acre. Our seed is grown by the originator of this variety on Long Island. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c, 2 oz 35c;  $\frac{1}{4}$  lb 60c, lb \$2.10.

VAUGHAN'S ALL SEASONSVandergaw

One of the best sorts for market gardeners and amateurs. Forms large solid heads, much larger than Early Summer and is almost as early. If planted late it makes a first-class fall and winter sort. A desirable feature is its absolute certainty to head and excellent quality.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

EARLY FLAT DUTCH

A sure header, weighing from 10 to 12 lbs., of even size, and solid. They mature about as early as Early Summer, and stand long without bursting. This is one of the best of the second early kinds.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70.

Mrs. H. D. Blaisdell, Bradford, Ill., writes: "I want to tell you how I like your seeds. I never saw a Cabbage to beat Vaughan's Select Wakefield."

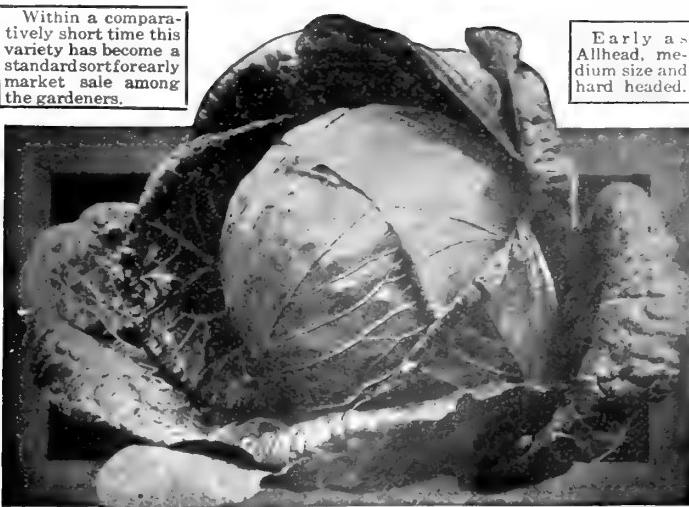
NEW EARLY FLATHEAD

**Improved Early Spring** This is a cross between Jersey Wakefield and Succession. It has the thick leathery leaves of the Wakefield and produces slightly rounded heads at practically the same date as the pointed Wakefield. The plant is dwarf growing and has few outside leaves.

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 40c,  $\frac{1}{4}$  lb 65c, lb \$2.25.

EARLY SORTSCABBAGEFLAT AND ROUND

Within a comparatively short time this variety has become a standard sort for early market sale among the gardeners.

**GLORY OF ENKHOUSEN**, a Very Valuable Early Sort

**EARLY SPRING.** Smaller than Early Allhead, it is of the same type and almost as early as Wakefield. Its shape is round, slightly flattened on top, very solid, even before the Cabbages reach their natural size.

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c,  $\frac{1}{4}$  lb 65c, lb \$2.25.

**SUCCESSION** A second early—about two weeks later than Early Summer. The heads are larger, slightly flatter than the above variety and run more uniform. The color is light green; the heads are solid, have good keeping quality and are of excellent quality. A favorite with market gardeners.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

**SUCCESSION**

**LATE FLAT DUTCH** Slightly smaller than Premium Flat Dutch and perhaps a little better keeper.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 45c, lb \$1.50.

Use **Slug Shot** for cabbage worms. Can be used without danger; absolutely kills cabbage worms. 5 lb package 30c, 10 lb 50c, 25 to 50 lbs at 4 $\frac{1}{2}$ c per lb.

**Premium Flat Dutch**CABBAGE

Early as Allhead, medium size and hard headed.

GLORY OF ENKHOUSEN

A comparatively new Cabbage from Holland, it has met with exceptional popularity on account of its earliness, sure headedness and fine keeping quality. The heads are of medium size, just right for market, globe shaped and of handsome dark green color. The quality is excellent, the leaves being fine ribbed and the outer leaves set close, permitting close planting. Where this variety has been tried in the market-growing centers the growers have been very enthusiastic. Along with all other Holland and Danish Cabbage the seed is very scarce this year.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c, 2 oz 60c,  $\frac{1}{4}$  lb \$1.00, lb 3.50.

DANISH SUMMER BALLHEAD

The Danish Summer Ballhead Cabbage is taking the place among the early varieties that the Danish Ballhead holds among the later sorts. It is a second early, extremely hard, long-keeping and of superb quality, and on light soil it does particularly well, being a sure header. It resembles the Winter Ballhead quite closely, excepting that it is smaller and slightly flat on top. It has traces of curliness on the outside leaves and delicate flavor that suggests Savoy blood. Color is light green, very small with fine ribs in the leaves.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c, 2 oz 60c,  $\frac{1}{4}$  lb \$1.00, lb 3.50.

FOTTLER'S BRUNSWICK DRUMHEAD

A dwarf growing sort with very large heads coming in considerably earlier than Premium Flat Dutch. It is of value for both second early and winter use and is much planted by gardeners. The heads are flat and solid with few outer leaves, of light green color.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

EARLY SUMMER

The popular flat head variety for early market. In season it follows right after Wakefield. The heads are of fair size, round with a peculiar bluish tinge. The Cabbages are compact, solid with great large outer leaves. The quality is good and its fine appearance makes it bring ready sale.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

LATE or  
MAIN CROP SORTS**EARLY  
SUMMER**DANISH BALL-HEAD

Vaughan's Select Stock. The most popular of all late varieties for Winter use. **Genuine seed grown on Amager Island, Denmark.** Because of its "great solidity" of head, and its unequaled keeping and shipping qualities, Danish Ball-Head has supplanted nearly all other varieties for winter use. Many trials have demonstrated the superiority of the Danish seed of this variety over that grown in other countries and localities. The Ball-Head we offer is the tall-stemmed strain, to be distinguished from the short-stemmed "Hollander" or the Dwarf Amager, the Danish grown strain of the Hollander. The heads are of excellent market size—not too large. They are very hard, almost round, fine grained, and will weigh one-fourth more than other varieties of equal size.

There is no higher bred cabbage seed than the strain we offer. The seed crop in Denmark was an almost complete failure this year. The supply cannot equal the demand. Order early.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c,  $\frac{1}{4}$  lb \$1.00, lb 3.50.

PREMIUM FLAT DUTCH

The most popular large heading flat-head variety. No cabbage is so universally grown as this. Seed may be grown in the open ground and plants raised without the use of hotbeds. Our strain produces immense solid heads, uniform and of best quality.

Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c, 2 ozs 35c,  $\frac{1}{4}$  lb 60c, lb \$2.00; by express 5 lbs \$9.00.

**HOODOO** is the most uniform in type, color, sweetness and solid meat of all Orange-Fleshed Musk Melons.

**Danish Ball-Head**, the most popular winter cabbage. **Genuine Danish seed raised on Amager Island, Denmark.**



## Vaughan's Dutch Winter or Hollander

### DUTCH WINTER OR HOLLANDER

The best Cabbage for late spring sales and for shipping. This has become known in the past eight years as the most reliable Cabbage for the shipping trade, and has been almost universally used in districts famous for Cabbage growing, such as Racine, Wis., Central New York, Michigan districts and others. The heads are of medium size, averaging about 8 lbs., and are very solid, and in their fine white color entirely distinct from other kinds. While the quality is good they are uniformly excellent keepers, the heads being often just as solid and perfect when taken out in the Spring as when put away in the Fall. No Cabbage will sell against it.

**Dutch Winter or Hollander Cabbage, Vaughan's Extra Selected Stock. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c, 2 oz 60c,  $\frac{1}{4}$  lb \$1.00, lb \$3.60, by express 5 lbs \$17.00.**

### DWARF AMAGER OR SHORT-STEMMED DANISH BALLHEAD

A variety which is very similar to Dutch Winter or Hollander, so nearly so it is almost impossible to tell the difference. This seed we import direct from Amager Island, Denmark. Order your European cabbage seed early, crop is short.

Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c, 2 oz 60c,  $\frac{1}{4}$  lb \$1.00, lb \$3.60, by express, 5 lbs \$17.00



Illustration shows Excellent Shape, Solid Head, with Finely Bred Short Stem.

### VAUGHAN'S BRIDGEPORT DRUMHEAD

The best large Fall shipping Cabbage in existence. Our strain of this Cabbage, of which we are the introducers, has been selected by us for twenty years, and the original type has not only been kept up, but improved, so that a field of them is more uniform than any other sort. The quality is fine for slicing, for kraut, in fact, for general table use is unsurpassed. Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 45c,  $\frac{1}{4}$  lb 70c, lb \$2.50; by express, 5 lbs \$11.00, 10 lbs \$20.00.

### OTHER GOOD VARIETIES

Any of the following: Pkt 5c.

Large Late American Drumhead	A selected strain of this standard Winter Cabbage.	Oz. \$0 15	$\frac{1}{2}$ lb. \$0 50	Lb. \$1 60
<i>Autuma King</i>	Similar to Flat Dutch with ruffed outer leaves.			
<i>Improved Stonemason</i>	A large, solid, late Drumhead—Popular in certain sections.	20	50	1 75
<i>Louisville Drumhead</i>	Another strain of Drumhead. Very compact, short stemmed, semi-flat and good quality.	20	60	2 10
<i>Marblehead Mammoth Drumhead</i>	Late, about the largest cabbage grown. Popular with gardeners.	20	60	2 10
		20	55	1 80

## CABBAGE

### LATE OR MAIN CROP

**Sure Head** This sort produces large round flattened heads which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and certain to head even in the most unfavorable seasons. A general favorite with gardeners or large growers. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c, 2 oz 35c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

**The Lupton** The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. It is one of the best keepers and comes out in the spring bright and fresh. Our seed, grown by the originator, will produce cabbage of the best type. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 55c, lb \$1.90.

**Luxemburg or Hard Heading** Makes a good sized hard head, very heavy and has remarkable keeping qualities for burying over Winter. Very profitable for late Spring sales after other sorts are gone, often bringing high prices. Not desirable in moist climates Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10; by express, 5 lbs \$9.00, 10 lbs \$17.00.

### RED CABBAGES

**Mammoth Rock Red** The best large Red Cabbage. A sure header of good red color to the center. Pkt 5c,  $\frac{1}{2}$  oz 15c, oz 25c,  $\frac{1}{4}$  lb 75c, lb \$2.60.

**Zenith** A very fine medium early sort. Not large, good quality and fine color. (New) Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c, 2 oz 55c,  $\frac{1}{4}$  lb \$1.00, lb \$3.50.

**Vaughan's Black Diamond** A new second season black red variety. Head medium large, very firm, leaf rib, thin and small; few outer leaves. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c, 2 oz 55c,  $\frac{1}{4}$  lb \$1.00, lb \$3.50.

**Extra Early Dark Red** *Erfurt, Dark Red Dutch, Red Drumhead.* Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$2.00.

Also see Novelties.

### SAVOY CABBAGES

These are the best of all Cabbages as regards quality and flavor. Blistery leaves give them a strange appearance. However, once planted they are always sown again the next season.

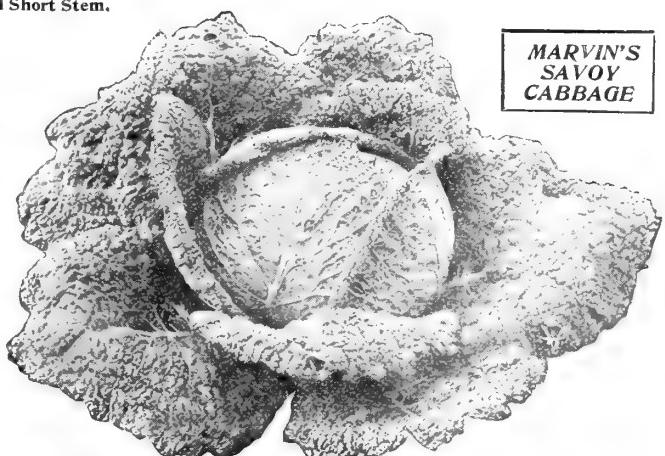
**Iron Head Savoy** Best of the early sorts. Round head, large and solid. Quality excellent. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

**Marvin's Savoy** A large solid head, very curly. An almost sure header and the most popular of this class. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 65c, lb \$2.25.

**Early Ulm Savoy** A very early sort. Pkt 5c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.85.

**All Head Savoy** Conical head, fine quality. Early and solid. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 30c.

**New Colossal, Improved American.** Standard main crop sorts. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.00.

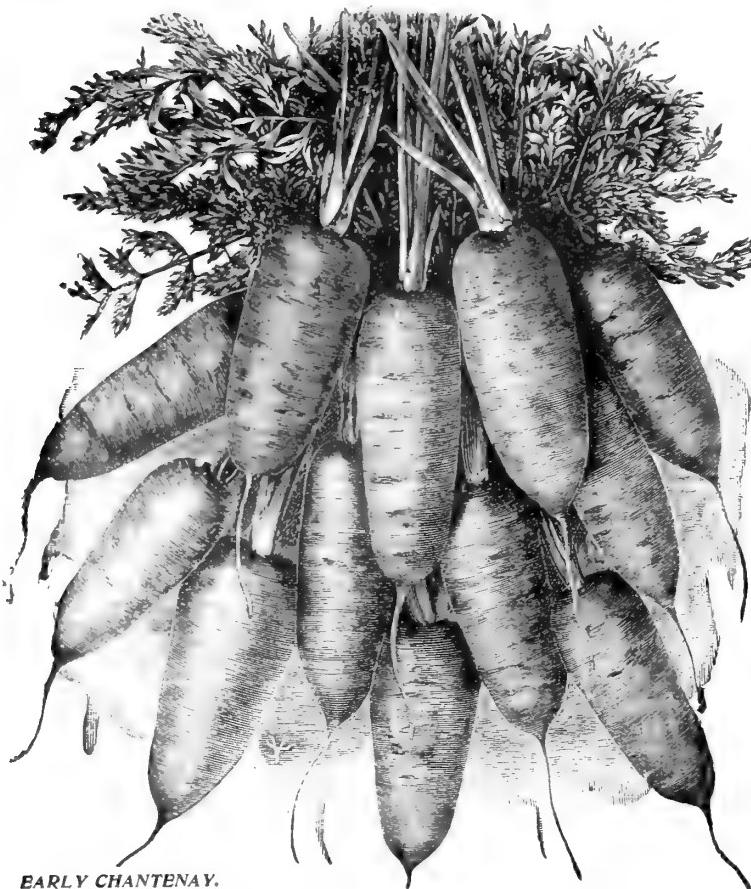


MARVIN'S SAVOY CABBAGE

# CARROTS.

FOUR POUNDS TO THE ACRE.

Carrots require a deep, well worked soil. For home use and early bunching the Chantenay, Nantes and Oxheart are the best; for general crop, our selected Danvers; while for feeding, the Mastodon and Belgians (see page 25), yield the largest crops. For shape, the carrots run as follows: Early Scarlet Forcing, the earliest and nearly round; Early Short Scarlet, next in season, about three inches long; Oxheart, Nantes and Chantenay follow, these being the best quality, running from four to six inches; Selected Danvers is a little longer, and Long Orange the longest of all.



EARLY CHANTENAY.

**EARLY CHANTENAY, The Best Bunching Carrot.**

This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The Carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 5 lbs., \$3.50.

Our Carrot Seed is raised by experienced and careful growers who know the importance of selection and isolation, and practise it.

They run even and true to type. There is an immense superiority in our stocks over the cheaper California grown seed.

**Very Early Scarlet Forcing.** (French Horn.) **The Earliest and Best Variety for Forcing.** The reddish-orange colored roots are nearly round. When matured they are about two inches in diameter, but should be used before they are full-grown, when they are tender and delicious. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**Early Short Scarlet.** (Dutch Horn.) Larger than French Horn and almost as early, stump rooted, one and one-half inches thick and about three inches long, fine grained and sweet flavored. Color, deep rich orange; best for bunching. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**GUERANDE, OR OXHEART.**

A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and is a variety we can recommend for the home garden, as well as to all market gardeners. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c; postpaid; 5 lbs., by express, \$3.50.

$\frac{1}{4}$  lb. Carrot Seed. Vaughan's Long Orange for 25c will sow one-half acre, sufficient to produce, on good soil, 12 tons of carrots equal in feeding value for horses or cattle to 150 bushels of oats.



VAUGHAN'S SELECT DANVERS.

**VAUGHAN'S SELECTED DANVERS.****The Best Carrot for Every Purpose.****The Best Strain of this Famous Sort.**

For over 20 years we have sold this selected stock, and we never have enough seed to supply the demand. All the gardeners in Chicago know it, and plant no other if they can get ours. It is the most uniform in existence, always of good color, a splendid yielder and of excellent flavor. It is one of the easiest Carrots to harvest, will yield more tons to the acre than any other. We are proud of being the owners and distributors of this carrot. It is one of the specialties which has made Vaughan's Seeds synonymous with "Best Seeds." Pkt., 10c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00.

**Nantes Half Long, Early.** The sweetest of all Carrots, is of good shape and size. The leaves are fine, the roots are almost cylindrical, very smooth, and grow about six inches long; the flesh is entirely red, very sweet and almost entirely without a core. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**Half Long** This is the stock usually sold by seedsmen. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c, postpaid. **By Danvers.** express, lb., 65c; 5 lbs., \$3.00.

**Vaughan's Chicago Forcing.**

It is similar to the Chantenay in shape, but develops much earlier and has smoother roots, which color a fine dark red long before other varieties. It is a first-class forcing Carrot, and is also good for home garden use, as an early Carrot in the open ground. For market purposes it is a little delicate, and has too fine and short leaves to bunch and ship. For quality it is the very best we have ever tried, possessing no core (heart) whatever.

Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c.

**Improved Long Orange.**

A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; by express, 5 lbs., \$2.50.



GUERANDE, OR OXHEART.

**CARROTS FOR STOCK.**  
The Mastodon, Long White Belgian and Orange Belgian, etc. See next page.

**CARROTS AND BEETS FOR STOCK FEEDING**

**Root crops are highly valuable and worthy of more general cultivation in the United States.** The feeding value of roots is directly proportional to the dry matter content. This dry matter pound for pound is equal to any grain; when fed to cattle is more eagerly eaten and more digestible. This dry matter runs from 10 to 14 per cent of total weight. Thus a low yield of 20 tons would give over 2 tons of dry matter equal to 65 bushels of corn. A supplementary ration of cereal is good.



**Vaughan's Mammoth Long Red Mangel.**

Our carrot seed is hand rubbed and raised from roots carefully sorted to type. Cheap seed is raised from field run roots.

**The Mastodon** This is the heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp, and very sweet; the roots are short and very heavy at the shoulder, which allows them to be harvested very easily; They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable carrots; liked by both cattle and horses. Pkt 5c, oz 10c, ¼ lb 20c, lb 65c postpaid; by express, 5 lbs, \$2.50.

**Vaughan's Half Long Danvers** This is a broad-shouldered carrot, cylindrical in shape, stump rooted, of excellent color, best flavor, and a most wonderful producer. Ready in about 65 days from the time of sowing. It is not only one of the best for the table, but owing to its shape, size, and great yield, and the fact that it is so easily harvested, one of the best for stock. Pkt 5c, oz 10c, ¼ lb 20c, lb 75c; by express, 5 lbs, \$3.00.

**Long White Belgian** A variety with long slender root, about one-third of which grows above the surface of the ground, thus making it easy to pull. It is very productive, highly nutritious and a good keeper. Pkt 5c, oz 10c, ¼ lb 20, lb 55c; by express, 5 lbs, \$2.25.

**Long Orange Belgian** This sort is very similar to the white Belgian except in color. Its strong point is its keeping quality, making it of especial value for late feeding. Pkt 5c, oz 10c, ¼ lb 20c, lb 60c; by express, 5 lbs, \$2.50;

**Improved Long Orange** A well-known sort; roots long, thickest near the crown, tapering regularly to a point; color orange. It is a good keeper of fine quality for winter use and extensively grown for stock feeding.

Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 60c; by express, 5 lbs, \$2.50.

**MANGELS OR STOCK BEETS**

Successful cultivation depends largely upon a well prepared seed bed, ploughed deep and well pulverized. Sow 6 pounds of seed per acre. On carefully prepared land yields of 40 and 50 tons per acre have been taken not uncommonly. The Mangel is a dependable crop, ripening after harvest, is ready to feed January 15th. Mangel diet gives one-third more milk than potatoes when fed to milch cows.

**Vaughan's Mammoth Long Red** This is the most productive Mangel variety, yielding enormously. Crops as high as forty to sixty tons to the acre have been produced, and a single root often weighs twenty to thirty pounds. It grows well above the ground, and is easily pulled. Our stock shows a very good percentage of dry matter, and has been carefully selected for large, thick roots. Oz 5c, ¼ lb 15c, lb 40c.; by express, 5 lbs \$1.50.

**Half Sugar Mangel** The roots of this new variety are valuable for their very high dry matter content, being pound for pound, nearly equal to the best strains of sugar beets. Besides which, they are more succulent in feeding than the latter. Moreover, as they grow out of the ground, they are much more easily harvested than are sugar beets. Oz 10c, ¼ lb 20c, lb 50c; by express, 5 lbs, \$1.75.

**Golden Tankard** This is the best known yellow Mangel. It is a very distinct variety, and contains probably the largest per cent of dry matter of any of the Mangels. It is cylindrical in shape, and easily pulled; very hardy, and a good yielder. Oz 5c, ¼ lb 15c, lb 40c.; by express, 5 lbs \$1.50.

**Giant Yellow Intermediate**. Root is ovoid, between the shape of the long and the globe variety. Flesh white, firm, and has a good per cent of sugar. Much liked by cattle. Oz 5c, ¼ lb 15c, lb 40c.; by express, 5 lbs \$1.50.

**Champion Yellow Globe** An old standard variety, much planted in England. Skin yellow, flesh white and solid. Oz 5c, ¼ lb 15c, 1 lb 40c.; by express, 5 lbs, \$1.50.

**Feeds and Feeding**

A new and valuable book on the subject by Prof. Henry of the Wisconsin University. \$2.00, postpaid.

**Carrots and Mangels**

These crops discussed fully by James J. H. Gregory. Paper, 30c., postpaid.

**SUGAR BEETS**

The growing of Sugar Beets in the United States has become one of our most important industries. Our seed is from the best growers, who select all their beets by laboratory tests for high sugar content. Our seeds will raise beets with a much higher percentage of sugar than seed ordinarily offered. They are also superior for stock feeding, as they are very high in dry matter content.

**Vilmorin's Imperial** An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent of sugar. Oz 5c, ¼ lb 15c, lb 35c.; 5 lbs, by express, \$1.25.

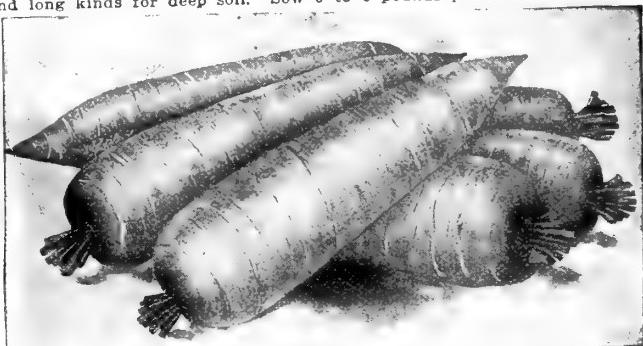
**Klein-Wanzleben**. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, and is a heavy yielder. Oz 5c, ¼ lb 15c, lb 35c, 5 lbs, by express, \$1.25.

**French Red Top Sugar** Combines with heavy yield a good percentage of sugar. It is very hardy and productive, yielding about twenty tons to the acre. A most desirable sort for stock. Oz 5c, ¼ lb 15c, lb 35c, 5 lbs, by express, \$1.25.

**Lane's Improved** Heavy yielder, flesh snow white. Oz 5c, ¼ lb 15c, lb 35c, 5 lbs, by express, \$1.25.

**CARROTS**

Carrots are well liked by all classes of stock. Their feeding value also is high. They are especially valuable for horses and may be fed alternately with oats. The stables of the largest and best teams in the large cities feed carrots once a day all winter and spring. "Horses, like human beings, require a variety of food and thrive best upon a ration that involves a change of diet." Carrots require a deep, well pulverized soil, fairly free from weeds. There are short varieties for shallow soil and long kinds for deep soil. Sow 5 to 6 pounds per acre.



**IMPROVED LONG ORANGE CARROT.**

**GIANT ECKENDORF MANGEL**

This is the most popular German variety of Mangel. In Germany is more largely planted than any other sort. Selected especially for a square, chunky type, it is valuable not only for its high percentage of dry matter, but also for its phenomenal yields. Roots weigh as high as fifteen and twenty pounds apiece. They grow cylindrical in shape and are yellow. As the greatest portion of the root grows above the surface of the soil, they are easily harvested, and their chunkiness prevents their breaking in handling. This is one of our best varieties. Oz 10c, ¼ lb 20c, lb 50c; by express, 5 lbs, \$1.75.



**GIANT ECKENDORF MANGEL.**

Cauliflower is a vegetable that grows to perfection in but few localities. Ideal Cauliflower Seed of earlier types is produced only in Northern Europe. For nearly twenty years our stocks of this seed have been grown for us in Denmark. Conditions there are perfect. This seed, grown from heads especially selected for seed purposes, may be depended on for best possible crops.

# CAULIFLOWER

## VAUGHAN'S NEW SNOWBALL

A better strain of this popular vegetable cannot be found. A well-grown head will be perfectly white, very solid, 9 or 10 inches across and deep in proportion.

During the many years we have sold this to hundreds of critical market gardeners it has never failed to give best results.

We have further verified its merit at our Western Springs trial grounds, alongside of samples from many seedsmen who make the highest claims for their strains, and we have found none to excel **Vaughan's New Snowball**.

We have only maintained the high quality of this particular seed for many years, by paying uniformly a price fully double that for which ordinary Cauliflower seed can be secured.

Carefully bred and grown Cauliflower seed is weaker in constitution, and, on the average, lower of germination than ordinary Cauliflower or Cabbage Seed. In order to bring up the standard of growth and germination of this variety we go to much pains to reclean, and resift our seed on its arrival from Europe and we supply our customers as nearly as possible with only the well matured and plump seed. Such cleaning often raises seed twenty to thirty per cent in germination.

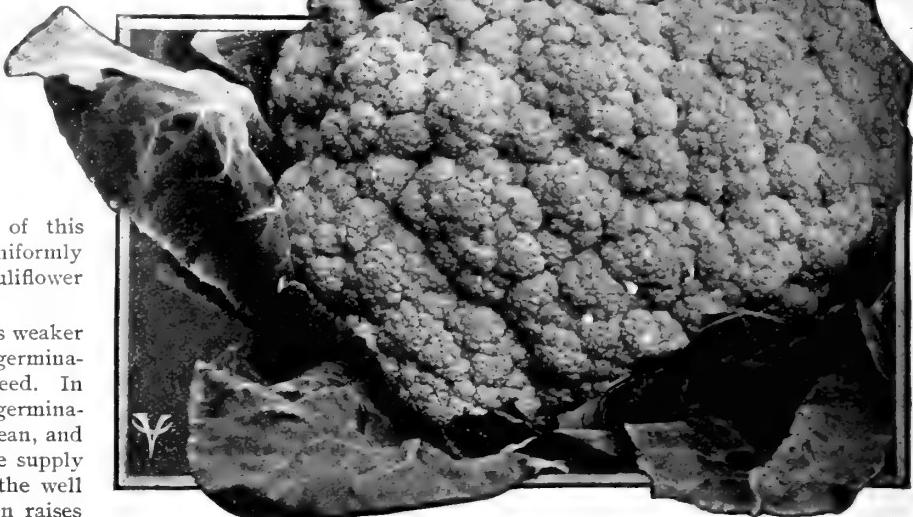
Vaughan's New Snowball Cauliflower is put up in packages as follows: pkts,  $\frac{1}{4}$  oz,  $\frac{1}{2}$  oz, 1 oz, and  $\frac{1}{4}$  lb, sealed with our trade mark and with distinctive paper and printing. Pkt 25c,  $\frac{1}{4}$  oz \$75c,  $\frac{1}{2}$  oz \$1.40, oz \$2.50,  $\frac{1}{4}$  lb \$9.00, lb \$32.00.

### DRY WEATHER CAULIFLOWER

During some seasons, especially like the past year, after a very late spring, hot weather comes on very quickly. In such a year this variety has proven itself of exceptional merit. Also in warm parts of the country, where there is not much cool weather, it is a most desirable sort. Very sure heading and second early. Heads larger than Snowball and snow white. Our seed is A1, and procured from the original grower in Denmark. Where a large acreage is planted, there should be at least a portion of it in this variety. Pkt 20c,  $\frac{1}{4}$  oz 75c,  $\frac{1}{2}$  oz \$1.40, oz \$2.50,  $\frac{1}{4}$  lb \$8.50.

The seed question in no other vegetable is as vital as in Cauliflower.

Low priced Cauliflower Seed cannot be good.



DRY WEATHER CAULIFLOWER

### VAUGHAN'S EARLIEST DWARF ERFURT

Most desirable for forcing and for planting in the open ground. This is a thoroughbred strain of this popular variety. It is a trifle earlier than Snowball and dwarfed, otherwise quite similar. This seed will produce Cauliflower the equal of any on the market. Good strains of this seed have a fifty to sixty year pedigree. They are so high-bred that it is very seldom the plants average a good seed crop, hence the best seed is always dear and scarce. Our seed is from a famous grower, whose strain is unexcelled. Pkt 25c,  $\frac{1}{4}$  oz 75c,  $\frac{1}{2}$  oz \$1.40, oz \$2.50, 2 oz \$4.50,  $\frac{1}{4}$  lb \$8.50, lb \$30.00.

### DANISH SNOWBALL, Vaughan's Special

This is a grand second early, slightly later than Vaughan's New Snowball. It is the result of long, careful selection, and produces even, regular heads. Through the many seasons we have sold this it has proven itself reliable, and gardeners may trust it every time. Sold by some seedsmen as Early Snowball. It is not so early nor does it run quite so evenly as does Vaughan's New Snowball. Pkt 10c, 3 pkts 25c,  $\frac{1}{4}$  oz 40c,  $\frac{1}{2}$  oz 75c, oz \$1.50, 2 oz \$2.75,  $\frac{1}{4}$  lb \$5.00, lb \$20.00.

### EARLIEST OF ALL

This is a Danish forcing variety of Snowball, slightly smaller and ten days to two weeks earlier than Early Snowball; very short-leaved, desirable for frames, and in the open ground, where early market is sought. Also, a very sure heading variety for the amateur. Pkt 25c, 3 for 60c.

**LARGE LATE ALGIERS** A vigorous late maturing variety for late fall use. Large heads. Pkt 5c,  $\frac{1}{4}$  oz 20c,  $\frac{1}{2}$  oz 50c, oz 75c,  $\frac{1}{4}$  lb \$2.50.

**AUTUMN GIANT** In southern localities this meets with favor as a large heading late fall sort. Pkt 5c,  $\frac{1}{2}$  oz 20c, oz 35c,  $\frac{1}{4}$  lb \$1.10, lb \$4.00.

**EXTRA EARLY PARIS** Very dwarf and early; heading first class. Pkt 5c,  $\frac{1}{4}$  oz 25c, oz 50c,  $\frac{1}{4}$  lb \$1.50, lb \$6.00.

**HALF EARLY PARIS** Slightly larger and later than above. Pkt 5c,  $\frac{1}{4}$  oz 25c, oz 50c,  $\frac{1}{4}$  lb \$1.50, lb \$6.00.

**LENORMAND'S SHORT STEM** Bears large white head, on short stems. Pkt 5c,  $\frac{1}{2}$  oz 25c, oz 50c,  $\frac{1}{4}$  lb \$1.85.

**EXTRA EARLY, or SECOND ERFURT** A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; for early or late. We sell this largely to gardeners, who prefer it to Snowball. Pkt 10c,  $\frac{1}{4}$  oz 50c,  $\frac{1}{2}$  oz 85c, oz \$1.50,  $\frac{1}{4}$  lb \$5.00.

**LARGE EARLY ERFURT** This is a vigorous growing variety, with large, white, firm heads. It is the very best sort for a second crop. Pkt 10c,  $\frac{1}{4}$  oz 40c, oz 75c,  $\frac{1}{4}$  lb \$2.50.

The best seed for early varieties of Cauliflower comes from a very limited area in Northern Europe.

Land in this region is high in value. Cauliflower Seed requires constant care and the crop is never a heavy one.

### CAULIFLOWER PLANTS

For people who have not hotbeds or who are late planting, we grow large quantities of all sorts of vegetable plants. (See page 137.)

### "Cabbages and Cauliflower"

Is the title of a very valuable treatise on the growing of these two articles, by James J. H. Gregory. Sent postpaid for 30c.

# CELERY

**NEW CELERY**  
**CHICAGO GIANT SELF-BLANCHING**  
**A GRAND NEW WHITE**  
**SEE NOVELTY PAGE 5**

**VAUGHAN'S CELERY MANUAL**

By a practical grower, of 20 years' experience, revised and published by J. C. Vaughan. Price, postpaid, 25c. Will be sent free, with a Celery Seed order of \$2.00, or with any general order for other seeds, amounting to \$3.00, if requested.

## GOLDEN SELF-BLANCHING

This is the most popular and best yellow Celery for early use. In nearly all markets it is the leading sort. The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort and produces dwarfer and much larger bunches with broad heavy stalks which blanch into a deeper golden yellow color than the other varieties. The color is very handsome, stalks are crisp, tender and free from stringiness. It is the standard of excellence in the yellow variety. Owing to a very short crop on the Continent this year we are able to supply only a limited amount of seed grown by the introducers in Paris. Our regular strain is grown in this country from seed of our selected stock and can be depended upon as reliable. Gardeners planting in quantities, however, use the selected seed.

**Vaughan's Selected Stock (Best French Seed) Package 15c, oz 85c, 1/4 lb \$3.00.**

**Golden Self-Blanching, American Grown. Pkt 10c, 1/2 oz 15c, oz 30c, 2 oz 55c, 1/2 lb \$1.10, lb \$4.00.**

## VAUGHAN'S GIANT GOLDEN HEART

**The best Celery for winter storage.** Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities.

**Pkt 10c, 1/2 oz 15c, oz 25c, 2 oz 40c, 1/4 lb 10c, 60c, lb \$2.25.**

## WINTER QUEEN

This is without doubt a most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late celery, and will keep longer than any other variety. Grow Winter Queen once and you will always grow it.

**Pkt 10c, 1/2 oz 15c, oz 20c, 2 oz 35c, 1/4 lb 60c, lb \$2.25.**

## NEW CELERY, SNOW WHITE

A pure white, self-blanching variety without a rival in purity of color. In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity it is ideal. It grows solid on all kinds of soil; keeps better than many standard varieties. Single stalks sometimes weigh 2½ pounds and quite frequently 3 pounds each.

**Pkt 10c, 1/2 oz 15c, oz 25c, 2 oz 40c, 1/4 lb 75c, lb \$2.50.**

Rev. A. F. Conrey, Lenox, Iowa, writes April 11th, 1908: "We used your Winter Queen Celery, and found it unsurpassed by anything we have ever used."



## GOLDEN SELF-BLANCHING CELERY

The most popular of the early Celeries. Our seed selected stock is grown in France by the originator, and is free from "off" stalks, producing large heavy stalks, blanching to a deep golden yellow.



## WHITE PLUME

### VAUGHAN'S SELECT STOCK

The White Plume is so widely known it does not require an extended description. It is the most popular of all the White varieties. Its principal qualities are vigor, size, and at the same time being of good flavor, crisp and tender. The market gardeners throughout the northern country plant large quantities of this seed and find it uniformly white and free from green or hollow stalks. As a keeper it is not to be recommended, but is excellent for fall and early winter use as well as early spring.

Our selected stock is a most carefully selected strain of this valuable variety. We can recommend our selected stock as being the equal of any introduction offered of this variety. **Pkt 5c, 1/2 oz 12c, oz 20c, 2 oz 35c, 1/4 lb 60c, lb \$2.10.** By express, 3 lbs \$5.00, 5 lbs \$8.00.

**White Plume, Regular Stock Pkt 5c, 1/2 oz 10c, oz 15c, 2 oz 25c, 1/4 lb 40c, lb \$1.50.**

## DWARF GOLDEN HEART

A fine long keeping golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many celery growing sections this variety is planted almost exclusively.

**Pkt 5c, 1/2 oz 10c, oz 15c, 1/4 lb 45c, lb \$1.60.**

## GIANT PASCAL

One of the best for fall and winter use. It is a selection from the Golden Self-Blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden yellow, very attractive.

**Pkt 5c, 1/2 oz 10c, oz 15c, 2 oz 25c, 1/4 lb 45c, lb \$1.60.**

## STANDARD KINDS

Prices of these kinds: Pkt 5c, 1/2 oz 10c, oz 15c, 1/4 lb 45c, 1 lb \$1.60, postpaid.

**Perle le Grand** A popular, extra large, fine green celery, for both early and late use. A fine winter keeper.

**Evan's Triumph** One of the best late sorts. Excellent quality and good keeper.

**Rose Ribbed Golden Self-Blanching (Golden Rose)** A sort of Golden Self-Blanching, possessing all its good qualities. The ribs assume a deep, warm, rosy hue. **Pkt 10c, oz 40c, 1/4 lb \$1.25, lb \$4.50.**

**Perfection Heartwell** Magnificent, large, golden-yellow heart, of very superior quality; excellent winter market sort. Popular in New York.

**Schumacher** Immense size; solid, crisp; firm golden-yellow heart; a fine keeper; very popular in Philadelphia and New York markets.

**Far Superior "Many Heart"** Late; very large and fine; popular in Philadelphia.

**Boston Market** White and solid; very dwarf; crisp and tender.

**Crawford's or Henderson's Half Dwarf** Solid yellowish-white; nutty flavor.

**Giant White Solid** Of tall, large size; very solid; pure white.

**New Rose** The best of red celery, solid, crisp and ornamental.

**Kalamazoo** Half-dwarf; white and solid.

**Pink Plume** Similar to White Plume. Stalks are tinged with pink. **Pkt 10c, oz 25c, 1/4 lb 60c, lb \$2.10.**

**Soup or Flavoring Celery (Old Seed)** Used for flavoring soups, stews, etc. **Oz 5c, 1/4 lb 12c, lb 30c.**

**Soup Celery or Smallage** **Pkt 5c, oz 15c, 1/4 lb 40c, lb \$1.50.**

**Celeriac or Turnip Rooted Celery** See page 28

The winter varieties of celery are green in color when growing, and are blanched to yellow or white by "earthing or bedding up" the plants keeping them from the light. Vaughan's Giant and Dwarf Golden Heart, Giant Pascal, Winter Queen and Evans' Triumph are the up-to-date sorts.

## VAUGHAN'S VEGETABLE COOK BOOK

Tells how to cook and use rarer Vegetables, such as are listed on this page. Price, heavy paper cover, 25c; or free to every customer who buys garden seed to the amount of \$2.00 and upwards and asks for same.

## USEFUL VEGETABLES



Paris Market  
Brussels Sprouts, showing stalks.



Witloof Chicory.

GERMAN CELERIAC, Turnip-Rooted Celery

A popular German vegetable worthy of more extensive cultivation. The roots, which are used in salads or boiled like parsnips or turnips, have a celery flavor that is particularly pleasant to those who like celery. These roots keep well all winter. Celeriac is deserving of much more popularity. To aid our customers, to whom this vegetable may be new, we send with our packets recipes for its table use.

**New Celeriac "Delicatess"** Produces perfectly smooth oval roots, without any side roots, and never rusts. Flesh is pure white, tender and of the best quality of all varieties of this vegetable. This size does very well on light soils. Pkt 10c, 2 for 15c, oz 35c.

**Giant Prague** This is unquestionably the largest and best Celeriac for main crop, and is the most popular with American growers. The roots are very large, almost twice the size of Erfurt, almost globe-shaped, smooth, and with only a few roots at the bottom. The flavor and quality are excellent. The common kinds of Celeriac, one sees while marketing, are often small and crooked, with a mass of unsightly and useless roots. The Giant Prague averages very regular in shape and has few side roots. It is a general favorite. Pkt 5c,  $\frac{1}{2}$  oz 10c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.10.

**Earliest of All** This is a variety ready in June. Flesh pure white and very tender; roots of good size, fine quality and never woody. Foliage short and tubers remarkably smooth. On account of its earliness may be planted for succession as late as July. Pkt 5c,  $\frac{1}{2}$  oz 12c, oz 20c.

**Large Erfurt** A standard variety. Pkt 5c, oz 20c,  $\frac{1}{4}$  lb 60c, lb., \$2.10.

BRUSSELS SPROUTS

These are miniature Cabbages formed on the side of the stalk of the plant. These have long been considered a choice delicacy in Europe, and are being appreciated by us more and more every year. The delicate flavor is improved by a touch of frost. The culture is practically the same as for cabbage. In the North, for early fall use, sow seed in April in hotbed; transplant to cold frame as soon as leaves develop, and set out, where the plants are to remain, in June. For late use sow seed in June.

**Imported Danish** A fine variety originating in Denmark. Pkt 10c,  $\frac{1}{2}$  oz 25c, oz 40c.

**Paris Market** Half dwarf. Excellent yielder. Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.40.

**Improved Dwarf** Dwarf habit, and less liable to aphids than the others. Pkt 5c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.50.

BROCCOLI

A vegetable similar to Cauliflower, of less delicate flavor, but harder. Of value in Northern latitudes, where Cauliflower does not do well.

**Large White Mammoth** Good white heads. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c.

**Purple Cape** This has purplish heads and resembles the Algiers Cauliflower in habit of growth. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c.

CHICORY

**Large-Rooted Madgeburg** The roots are cut in thick slices, roasted and used for coffee. The leaves in spring also make a good salad. Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.25.

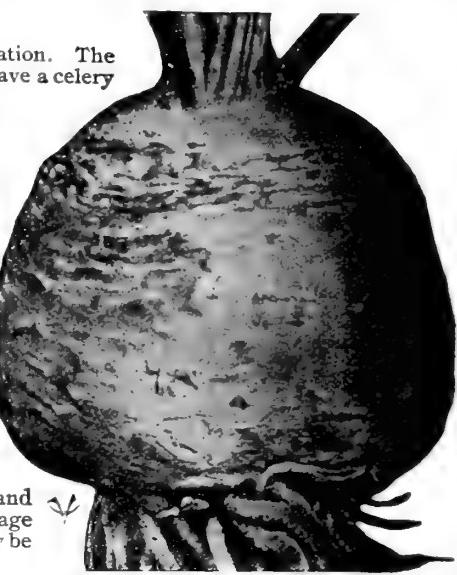
**Witloof Chicory** (French Endive) One of the most delicious salads and very easy to grow. (See novelty pages.) Pkt 10c, oz 25c,  $\frac{1}{4}$  lb 60c, lb \$2.00.

**COLLARDS, Georgia** A variety of Cabbage used in the Southern States. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.

**DANDELION (Lowenzahn; Dent-de-lion)** There is a growing demand for cultivated Dandelions, which are fast becoming favorite Spring Greens. The thick-leaved or Cabbage variety we list is an improvement on the common sorts, being almost double the usual size. Pkt 10c,  $\frac{1}{2}$  oz 25c, oz 40c,  $\frac{1}{4}$  lb \$1.25, lb \$4.50.

Knoxville, Iowa.—Will you please send us a Garden Catalogue at once. We have never bought seed anywhere that was as satisfactory as the ones we have bought of you.

S. J. MARSH.



CELERIAC, Giant Prague.

GARDEN CRESS

**Cress or Pepper Grass** (Garten Kresse; Cresson Allinois)  
**Curled Garden**; Much used with lettuce, to which flavor it adds an agreeable pungency. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.

**Upland Cress** Has highly prized flavor of Water Cress. Is green the whole year and ready for use before any other salad in the spring. Pkt 5c,  $\frac{1}{2}$  oz 15c, oz 25c.

**Water Cress** (Wasser-Cresse de fontaine) The pleasant peculiar flavor of Water Cress makes it one of the most delicate salads for table use. It will grow where there is a good supply of fresh, pure water. It can also be grown in tubs of good soil kept in a shady place, provided sufficient water is given it. Cultural directions with each packet of seed. Pkt 10c, 3 for 25c, oz 30c.

**CARDOON** Main stalks, blanched like Celery, are used for salad and in soups. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 60c, lb \$2.00.

**CHERVIL (Koerbel; Cerfeull)** Similar to Parsley, but handsomer. Excellent for garnishings. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.

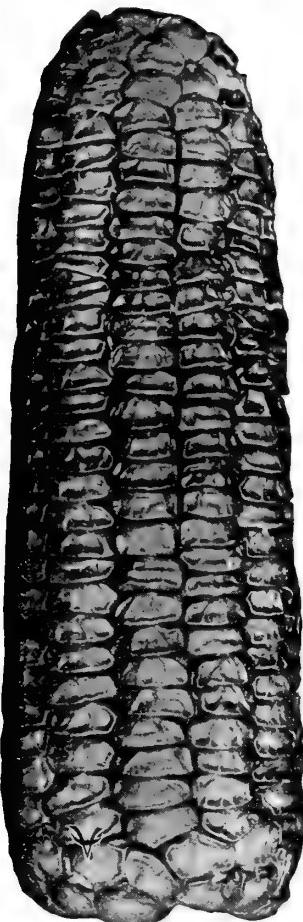
**CORN SALAD (Mache-Steck Salat)** A most refreshing salad. Is hardy, much used in winter in place of lettuce. May be sown either in spring or fall. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 60c, 5 lbs \$2.75.

**Don't** Full directions for planting and growing all vegetables and flowers may be had, in full detail, in **Vaughan's Forget Garden Book**. It explains fully the most satisfactory and simple methods of raising the useful and delicious vegetables described on this page. Free with every order, if asked for.

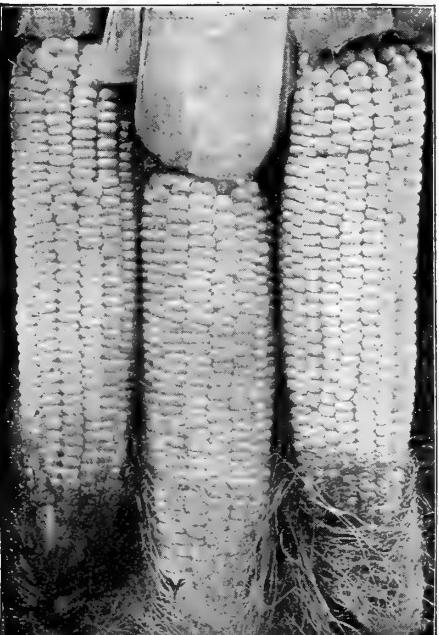


CORN SALAD.

# SWEET CORN



MAMMOTH WHITE CORY  
Actual size.



EARLY EVERGREEN  
About one-third natural size.

## MAMMOTH WHITE CORY

The best bred and most popular of all the early Sweet Corns. Extra early in season and carefully bred so that size is combined with earliness. Ears as long as Early Cory, with two to four more rows. Kernels set close, so there is no loss of space on the cob. Eating quality is excellent, retaining its original sweetness after cutting longer than most sorts. Grains medium size, broad, sweet, and very white. The stalks are of medium size, vigorous and prolific, usually averaging two ears to the plant.

Our Seed stock has been carefully grown and seed stock each year is selected and bred according to the single ear row method as developed by scientific field corn growers. Ears are dried in crates to prevent loss of germination.

Pkt 10c, pint 15c (by mail 20c), quart 25c (by mail 35c),  $\frac{1}{2}$  peck 75c, peck \$1.35, bu \$5.00.

**MALAKOFF** (See Novelty Page) Is the earliest real Sweet Corn. Ears and stalks small.

Pkt 10c, pint 15c (by mail 20c); quart 30c (by mail 40c). By express, 2 qts 45c, 4 qts 80c, peck \$1.50.

**EARLY IOWA** (See Novelty Page) It is the earliest Sweet Corn, with ears of good size and quality.

Pkt 10c, pint 20c (by mail 25c); quart 35c (by mail 45c). By express, 2 qts 50c, 4 qts 90c, peck \$1.60.

**PEEP O' DAY** One of the earliest of Sweet Corns. Grows about  $3\frac{1}{2}$  feet high. Bears nearly always two ears on the stalks. This variety is very similar to Malakoff; except the quality with us is not so good. Kernels of good white color. Our Seed is raised in the North to insure earliness. Pkt 10c, pint 15c (by mail 20c); quart 30c (by mail 40c);  $\frac{1}{2}$  peck 75c, peck \$1.35, bushel \$5.00.

Pkt.	Pt.	Qt.	Pk.	Bu.	
10c	15c	25c	\$1.10	\$4.25	
Adam's Early	10	15	25	1.00	3.50
Adam's Extra Early	10	15	25	1.00	3.50
Crosby's Early	10	15	25	1.25	4.50

If by mail, add 5c per pint, 10c per quart.

## SECOND EARLY AND LATE SORTS

### EARLY CHAMPION

Of the second early varieties this is the most popular and has the largest ear. It is one of the earliest large Sweet Corns. Season is two weeks later than Mammoth White Cory and the ears compare favorably with later sorts, like Evergreen. The ears are 12-rowed, very uniform. Kernels are pure white and not too large, very sweet, tender and full of milk. Cob is medium size and white; stalks are vigorous, a good many yielding three ears to the stalk. In some localities much planted by gardeners for both early and late planting. The small kernels make the ears more attractive than Evergreen. We have a very uniform and well bred stock.

Pkt 10c, pint 15c (by mail 20c); quart 25c (by mail 35c);  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.

### EARLY EVERGREEN

Very large ears; ripens about 8 to 10 days in advance of Stowell's Evergreen, of which it is a slightly smaller edition. The variety remains green for a long time, and in Northern localities it is much surer of making than Stowell's Evergreen. Pkt 10c, pint 15c (by mail 20c), quart 25c (by mail 35c).  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.

### BLACK MEXICAN

Everyone who has seen this Corn remembers it and the delicious sweetness and fine grain qualities in spite of its dark color, making it more and more of a favorite every year. Eight to 10 rowed; ears about 8 inches long; kernels bluish purple to black and rather flat. Pkt 10c, pint 15c (by mail 20c), quart 25c (by mail 35c),  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.

### VAUGHAN'S BLACK SUGAR

This is an Eastern grown selection of the Black Mexican variety. Our grower has selected it for large maturing ears and high sugar qualities. For one who has never grown this Corn its quality is a revelation.

Pkt 10c, pint 15c (by mail 20c), quart 30c (by mail 40c),  $\frac{1}{2}$  peck 75c, peck \$1.35, bushel \$5.00.

## EARLY VARIETIES

### GOLDEN BANTAM

A new early Sweet Corn, considered by many people the richest and sweetest of all corns. Some of our customers who prefer this sort to all other kinds are planting it at regular intervals during the season so they may have a continual supply for their table.

In season it is medium early, about a week later than Cory, and is the best yielder of the early varieties. The stalks are of medium size with heavy foliage, of value for forage. It may be planted thickly and as late as July 20th in the Middle States. The ears are borne two to a stalk and are about six inches in length and eight-rowed. The kernels are a golden yellow color, which at first gives the impression of field corn; however, as soon as tasted there is an immediate call for more. Our Seed has been selected especially for table quality. Pkt 10c, pint 15c (by mail 20c), quart 30c (by mail 40c). By express, 2 qts 45c, 4 qts 75c, peck \$1.40.

**EARLY MINNESOTA** This is an old favorite extra early Sweet Corn, not as early as Mammoth White Cory by few days. Eight to ten rowed; excellent quality; large white grain and extremely productive. This latter is its most pronounced distinctive quality. Pkt 10c, pint 15c (by mail 20c); quart 25c (by mail 35c),  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.

**PREMO** Of the white extra early Sweet Corns, this is the best quality; stalks of medium height; ears 8-rowed, rather large, quite hardy, so it may be planted early. Pkt 10c, pint 15c (by mail 20c); quart 25c (by mail 35c);  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.

**METROPOLITAN** A popular early variety in the Eastern States; season between Minnesota and Champion. Ear 10 to 12 rowed; kernel large and very sweet, very hardy, and germinates better than most varieties in cold soil. Is ready for use or sale between the extra early and second early sorts. Pkt 10c, pint 15c (by mail 20c), quart 25c (by mail 35c),  $\frac{1}{2}$  peck 75c, peck \$1.35, bu \$5.00.



Golden Bantam

The sweetest of all early Sweet Corns.  
Two-thirds natural size.



EARLY CHAMPION  
Two-thirds natural size.

# SWEET CORN

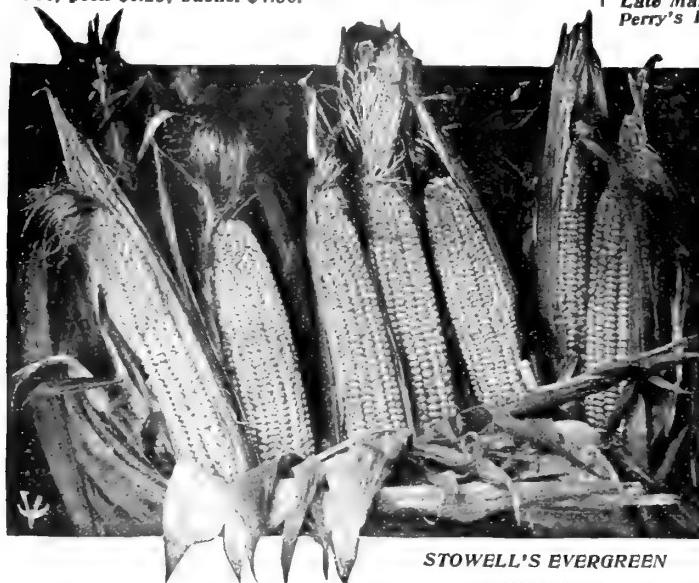
Medium and Late Varieties

## STOWELL'S EVERGREEN

The best and most popular of all Sweet Corn varieties. Its reputation is based largely on its productiveness and large, handsome ears with fine flavored deep kernels, very white in color. This variety has been a specialty of our house for many years and we have the very best seed it is possible to find. New England grown seed has generally shown by its flavor and shriveled ripened kernels a higher percentage of sugar than found in the productions raised in other sections of the country. We offer both New England seed and that raised in the Central States.

*Stowell's Evergreen (Eastern Connecticut grown)* Pkt 10c, pint 15c (by mail 20c), quart 30c (by mail 40c),  $\frac{1}{2}$  peck 75c, peck \$1.35, bushel \$5.00.

*Stowell's Evergreen (Western grown Eastern stock seed)* Pkt 10c, pint 15c (by mail 20c), quart 25c (by mail 35c),  $\frac{1}{2}$  peck 70c, peck \$1.25, bushel \$4.50.



STOWELL'S EVERGREEN

The Middle West is the center of pickle growing and manufacture. Vaughan's Seed Store supplies thousands of pounds per year for this purpose.



CHICAGO or

## WESTERFIELD PICKLE

This standard variety is an introduction of our own and we maintain its high quality with great care. We supply many of the leading growers of the country with our selected seed. For general pickling purposes it is the best Cucumber. The fruit when ripe is medium length, pointed at both ends, with large, prominent black spines. The small fruits are just the right shape for the best grades of pickles and command the highest price from manufacturers. Vines set fruit when young and continue bearing longer than any other variety.

Pkt 5c, oz 10c,  $\frac{1}{2}$  lb 30c, lb \$1.00.

## COUNTRY GENTLEMAN

In general this Corn is the sweetest and most delicious of all Sweet Corns. It is a late main crop variety. It is easily distinguished by the small, very irregular, deep, pure white kernels which are deliciously sweet, very milky and tender. The stalks are of medium size, producing several medium sized ears. If you plant in home garden do not fail to plant this variety.

Pkt 10c, pint 15c (by mail 20c), quart 30c (by mail 40c),  $\frac{1}{2}$  peck 75c, peck \$1.35, bushel \$5.00.

Pkt. any of the following, 10c. If by mail, add 5c to pint and 10c to quart prices for postage.

	Pt.	Qt.	$\frac{1}{2}$ Pk.	Pk.	Bu.
Kendall's Early Giant	15c	25c	70c	\$1.25	\$4.50
Early Mammoth	15	25	70	1.25	4.50
Moore's Early Concord	15	25	70	1.25	4.50
Old Colony	15	25	70	1.25	4.50
Hickox	15	25	70	1.25	4.50
White Evergreen	15	30	75	1.35	5.00
Late Mammoth	15	30	75	1.35	5.00
Perry's Hybrid	15	25	70	1.25	4.50

## SWEET CORN FOR SUCCESSION

The following kinds afford a succession of Sweet Corn throughout the season when planted at the same time; Malakoff (see novelty pages), Mammoth White Cory, Early Champion, Stowell's Evergreen and Country Gentleman. We make the following special offer:

By mail, At Special Offer No. 18. One pkt each of the following: Mammoth White Cory, paid exp' se

Champion, Stowell's Evergreen.....\$0.25 \$0.20

Special Offer No. 18A. One pint each of the above three sorts..... .50 .35

Special Offer No. 18B. One quart each of the above three sorts..... .95 .65

Special Offer No. 18C. One  $\frac{1}{2}$  peck each of the above three sorts..... 2.00

Special Offer No. 18D. One peck each of the above three sorts..... 3.75

Special Offer No. 18E. One bushel each of the above three sorts..... 13.75

Early Malakoff, Mammoth White Cory, Early Champion, Country Gentleman and Stowell's Evergreen.

Special Offer No. 18F. One pkt. each of above five sorts..... .45 .40

Special Offer No. 18G. One pint each of above five sorts..... .85 .60

Seccial Offer No. 18H. One quart each of above five sorts..... 1.70 1.20

Special Offer No. 18J. One  $\frac{1}{2}$  peck each of above five sorts..... 3.40

Special Offer No. 18K. One peck each of above five sorts..... 6.35



COUNTRY GENTLEMAN  
The sweetest of all corns.

## CUCUMBERS

### IMPROVED JERSEY PICKLE

This famous sort makes splendid vinegar pickles on account of its color, making what pickle men call "light" pickles, excellent for "Gherkins." It is very prolific. Its shape in the ripe fruit is broader at the tip than at the stem end, while in the pickle state it is nearly straight. Our seed is finely selected and product very uniform.

Pkt 5c, oz 10c,  $\frac{1}{2}$  lb 30c, lb \$1.00.

### THE CUMBERLAND PICKLE

Good for both pickles and slicing. This variety, of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end, making it excellent for slicing. The flesh is very firm, crisp and tender at all stages.

Pkt 5c, oz 10c,  $\frac{1}{2}$  lb 30c, lb \$1.00.

**WEST INDIA GHERKIN** A very small oval prickly sort, distinct from all others. It is grown for pickles only and must be used when young.

Pkt 10c, oz 20c,  $\frac{1}{2}$  lb 60c, lb \$2.00.

**VAUGHAN'S XXX PICKLING (See Novelties)** Fruits protrude from under the vine, making picking comparatively easy.

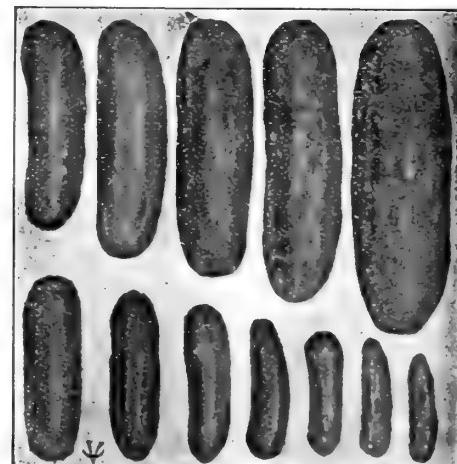
Pkt 10c, oz 20c,  $\frac{1}{2}$  lb 40c, lb \$1.25.

**Extra Early Green Prolific or Boston Pickling** ..... 5c 10c 30c \$1.00

**Early Cluster** ..... 5 10 30 1.00

**Fordhook Pickling** ..... 5 10 30 1.00

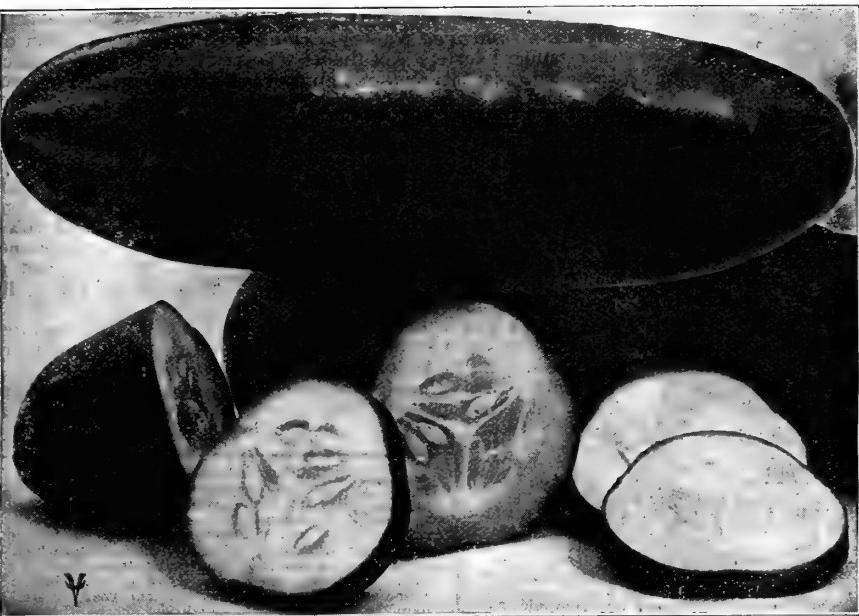
**Early Frame or Short Oreen** 5 10 30 1.00



### SNOW'S FANCY PICKLING

A selection made originally from the Chicago Pickle by a veteran Western pickle grower. The type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. It is the best type of Pickle. The small Pickles are quite like Chicago Pickle, but have an added value where blight is prevalent, as being small fruit less strength is taken from the vine and a larger crop is produced. We offer a most carefully selected strain of seeds from fields inspected by us and under our direct supervision.

Pkt 5c, oz 10c,  $\frac{1}{2}$  lb 35c, lb \$1.10.

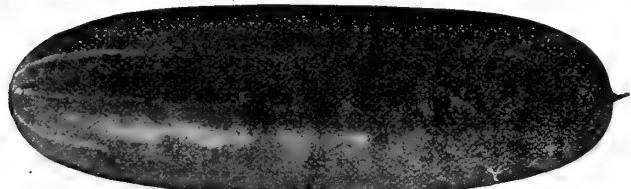


VAUGHAN'S IMPROVED ARLINGTON WHITE SPINE

**VAUGHAN'S BOSTON FORCING WHITE SPINE**

Darker than Arlington and more slender. The fruits are 8 to 10 inches in length; very even and smooth; the whitish markings are faint; and more blended with green than usual. Remarkably prolific and of great value for hot-bed or greenhouse use where a medium-sized fruit is in demand. As regards productiveness, it bears almost twenty-five per cent more fruit than other forcing strains. Fruits from our seed command the highest market prices in New York, Philadelphia, and like cities during the forcing season. In Southern localities of highest value for outdoor planting.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 40c, lb \$1.35.

**EXTRA LONG WHITE SPINE**

**Vaughan's Selected Stock** The Extra Long White Spine, or Evergreen, as it is sometimes called, is the standard and most popular of the long white Spine varieties. Compared to the Davis Perfect, it is not so long, ten to twelve inches in length, and of rather larger diameter.

In season it is early, vigorous and prolific; more blight-proof than the ordinary long sorts. The fruits are a dark shiny green color; flesh which is ripe white. In shape straight and smooth. The flesh is crisp, tender and of superb flavor; for general market and home use without a superior. Our seed is the result of a number of years of exhaustive trials, and is a selection from the pick of different strains of many growers.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**ENGLISH FRAME CUCUMBERS**

**Rollison's Telegraph** A standard greenhouse variety. English greenhouse grown stock. Pkt 50c.

**Prescott Wonder** A fine flavored sort. Good yielder. Pkt (50 seeds) 25c.

**Carter's Model** One of the best English varieties. Immense size. Straight and smooth. Pkt (25 seeds) 25c, 3 for 65c.

**Noa's Forcing** An old standard. Pkt 50c.

**Vaughan's Prolific Forcing** This is early and shorter than other sorts. Very uniform and a good yielder. Pkt (25 seeds) 20c, 3 for 50c.

**Grand Rapids Forcing** A very long American sort. Pkt (65 seeds), 50c net.

**ODD CUCUMBERS**

**Japanese Climbing** This sort grows quickly, climbing poles or trellis, thus taking up very little room in the garden. The fruits are of good size and of fine flavor, adapted especially for slicing and salads. Does best in dry, warm summers.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 40c, lb \$1.25.

**Lemon Cucumber Musk Melon** This is better known as the Garden Lemon and belongs in the same class with Mango Melon. You will find both of these fine preserving vegetables listed among Melons on page 37. Pkt 10c, oz 25c.

**Serpent or Snake** A peculiar long cucumber, usually much twisted. Pkt 5c, oz 20c.

**CUCUMBERS****FOR SLICING**

The White Spine Cucumbers are the most popular market and home garden sorts for slicing. There are many types, each particularly adapted to certain conditions.

Vaughan's Improved Arlington is of medium length, prolific and extra early. Improved White Spine is several days earlier but not of so good color or appearance. Cyclone short and extremely early.

Boston Forcing similar to Vaughan's Arlington, darker green, more pointed.

Davis' Perfect is the most vigorous and popular long cucumber today, and as soon as perfectly fixed to type will displace the other long sorts because of the greater vigor. Extra Long White Spine is next in popularity.

Other long white spine sorts are New Century, Rocky Ford and Fordhook Famous.

Black spine varieties for slicing are Improved Long Green, Cool and Crisp, and Emerald.

**VAUGHAN'S IMPROVED  
ARLINGTON WHITE SPINE**

(7 to 10 inches)

Of the medium-sized Cucumbers, the Arlington type is the most desirable. The color is a glossy green throughout the entire length and the shape straight and symmetrical; in season early; quality the best, tender and excellent

flavor. Vaughan's Improved Arlington is a superior strain of this type and recognized as standard by all growers. As a home-garden sort and for the Southern trucker an ideal variety; a little too short for Northern market growers. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 40c, lb \$1.35.

**NEW CENTURY** A fine long strain of white spine, 8 to 10 inches in length—very thick, uniform, smooth and straight. It holds its dark green color remarkably well so that altogether it is one of the best for slicing.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**DAVIS' PERFECT CUCUMBER**—New—See Novelty pages. One of the very handsomest of the very long white spine cucumbers.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.50.

**FORDHOOK FAMOUS** White Spine. As long as the "Davis" slightly bent but very handsome, twelve to seventeen inches long. Quality is superb. Color is very dark green, never turning yellow. Very vigorous.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 40c, lb \$1.25.

**CYCLONE** A short variety, three or four inches in length; the earliest of all White Spine Cucumbers; prolific. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 35c, lb \$1.10.

**IMPROVED WHITE SPINE** Medium length. The fruits are very straight, light green color. A fine yielder under all conditions. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

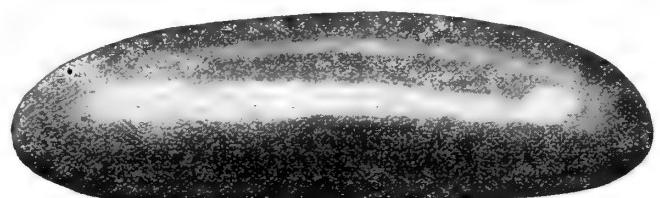
**ROCKY FORD (Klondyke)**—White Spine. A fine market garden sort—between the New Century and Arlington in size—slightly earlier, however. A wonderful keeper, good dark green color, which it keeps. Fine for shipping.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**IMPROVED LONG GREEN**

**Vaughan's Selected Stock**. **One of the Best for Slicing and Pickles.** A selection from the Long Green. The vines are very vigorous and productive. The fruit which is about 12 inches long is formed almost as early as the short sorts. They are firm, crisp and of fine flavor. Those desiring a long dark green black spine cucumber will find our strain unsurpassed. The fruits make excellent pickles and when ripe they make the very best sweet pickles.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.10. By express 5 lbs \$4.75.

**IMPROVED LONG GREEN**

**Cool and Crisp** A splendid cucumber for slicing. Early and prolific. Owing to its dark green skin, which is covered with knobs upon which the black spines set, this sort makes a fine appearing pickle. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**Emerald** A very smooth and almost spineless cucumber. Color a fine dark green which it retains well. Its quality for slicing is excellent.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**Nichol's Medium Green** An old popular variety. Medium in length, as name implies. Color dark green; flesh crisp and of good flavor. The vines are productive, season early, and the fruit straight and smooth. Good for both pickling and slicing. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

EGG PLANT

**Vaughan's Improved New York, Large Purple** Our strain of this standard variety is of the very finest type, absolutely spineless. The plants grow low, stalky and branching. They bear early and almost continuously. The fruits are large, smooth, and have a rich satiny purple color. We take particular pride in our fine even strain of this variety. **Pkt 10, oz 30c, ¼ lb \$1.00, lb \$3.50.**

**Black Beauty** An Egg Plant from ten to twelve days earlier than New York Spineless. The fruits are broad, thick, very attractive in form and of good flavor. Its rich, lustrous purple black color adds to its attractiveness. For the Northern home garden and truckers' use, it is the most desirable kind. Not so good a yielder as the Improved New York. **Pkt 10c, oz 35c, ¼ lb \$1.10, lb \$4.00.**

**Black Pekin** The fruit is round and almost black. Flesh white, solid, fine grained and delicious. Quite early, and of good marketable size. **Pkt 5c, oz 25c, ¼ lb 85c, lb \$3.00.**

**Very Early Dwarf Purple** Extremely early. Resembles the New York Improved in shape and color; however, is smaller and earlier. **Pkt 5c, oz 25c, ¼ lb 75c, lb \$2.75.**



This mark before the price on a variety in this book means the following:  
1st. Such seed has been grown by ourselves.

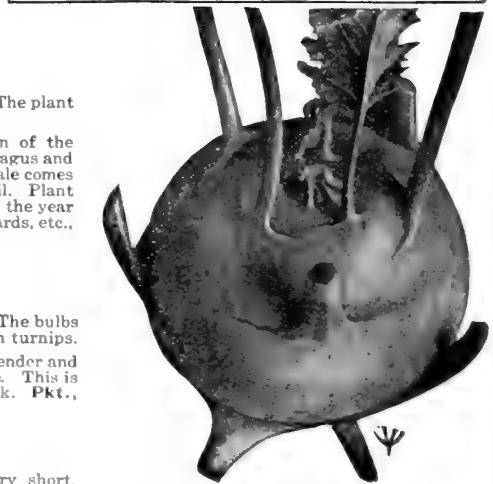
2nd. Or such seed was grown for us by a farmer whose entire crop we contract and which crop we inspect and know runs true to type.

3rd. Such seed was grown by a specialist in the particular variety and then held one year for trial ground test by us; and that such test showed the seed to be of extra quality as regards trueness to type vigor.

Such strains may be absolutely relied upon as the best in their class. We are endeavoring to meet the growing demand for the "best seed" obtainable and within a few seasons we expect to be able to offer an almost complete list of standard varieties of vegetable seeds under such a mark.

TO BLANCH ENDIVE

When full grown, gather the plant into a bunch, when perfectly dry, and tie together near the top; in a short time they will be perfectly blanched.

**KOHLRABI. WHITE**

# Egg Plant

GARLIC, Selected Bavarian

**KNOBLAUCH-AIL.** This is a particularly fine strain Garlic. It is larger and more even than ordinary Garlic, keeps longer and is snowy white. **Lb. 25c, 3 lbs 65c, 5 lbs \$1.00, 10 lbs \$1.85. If by mail, add 10c per lb for postage.** *No ORDINARY GARLIC—Write for prices.*

HORSE RADISH SETS

**NEW BOHEMIAN HORSE RADISH,** or Maliner Kren. An introduction of the U. S. Department of Agriculture. A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. All growers should have it. **Sets or roots, doz 25c postpaid, by express 50 for 50c, 100 for 85c.**

**ORDINARY HORSE RADISH.** Roots will produce good Radish, fit for use in one season's growth. Plant the set small end down, so that the top will be 2 in. under the soil. **100 for 60c (by mail 75c), 300 for \$1.75, 500 for \$2.50, 1000 for \$4.00.**

ENDIVE

**ENDIVEN SALAT—CHICOREE-ENDIVE.** No vegetable garden is complete without this most refreshing and delightful Autumn and Winter Salad. Sow the seed from the middle of June until the end of August.

**GREEN CURLED SUMMER.** This is the standard variety for both fall and winter crops. The leaves are finely divided, giving the plant a mossy appearance. Makes a beautiful show when the centers are blanched. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.**

**GREEN CURLED WINTER—Pkt., 5c; oz., 40c; ¼ lb., 35c; lb., \$1.10.**

**STAGHORN.** This is the best Endive for early, as it does not go to seed if planted in the hot-bed and transplanted out of doors, which fact gives it an advantage of early growth and brings it into the first early market, where it is a "money maker." It has sold at from 25c to 30c per dozen in the Chicago market. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.**

**GIANT FRINGED, OR "OYSTER."** A remarkably handsome variety; the snow white heart contrasting with the fine fringed green outside. Season Fall and Winter. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.**

**MOSS CURLED.** Tender, fine quality. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 35c; lb., \$1.10.**

**BROAD LEAVED.** Leaves large, broad, slightly curled. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.**

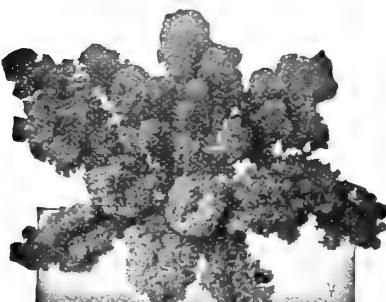
**EVER WHITE CURLED.** Very crisp and tender. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.**

KALE, or BORECOLE

One of the best plants for greens. Well known and much planted by German-Americans, but little used by others. Besides its eating value, it is extremely ornamental in the garden. The greens are for early Fall, Winter and Spring use. Sow seed about the middle of June, and later transplant to rows from 2 to 2½ feet apart. The Dwarf can be sown later, and need not be transferred to furnish nice heads. A good frost improves the quality.

**DWARF GREEN CURLED KALE.** This is harder than Cabbage. The leaves are as curly as Parsley, tender and of very fine flavor. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain. **Vaughan's Extra Selected Stock. Pkts., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

**VAUGHAN'S EXCELSIOR MOSS CURLED KALE.** This is by all odds the best Kale in existence. The plants grow from 18 to 21 inches high and produce as many as 50 usable leaves to a plant. The leaves are very curly and in flavor are unsurpassed. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$2.00.**

**EXCELSIOR MOSS CURLED KALE.**

**TALL GREEN CURLED.** Fine curled. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.**

**SIBERIAN.**—Sometimes called "Sprouts" and "German Greens." Not so curly as the Dwarf Green Kale. The plant is low, but spreading and very hardy. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.**

**SEA-KALE.** A vegetable long known but only recently valued through the late strong recommendation of the Department of Agriculture. It is ready for use earlier than Asparagus, has the combined flavor of Asparagus and Celery, and its blanched stalks are cooked like Asparagus, or with its leaves are used as greens. Sea-Kale comes usually from seed, but can be grown from offsets or root cuttings. The long tap root requires a rich deep soil. Plant in rows four to six feet apart. The seedlings yield a crop the third year, though reports are made of a crop the year following the seeding. As soon as shoots show above the half-frozen ground, blanch with earth, sand, boards, etc., until ready for use. **Pkt., 5c; oz., 30c; ¼ lb., \$1.00.**

KOHLRABI. Sow seed June and July.  
Rows 18 in. apart. Thin to 1 ft.

People who have not tried this excellent vegetable in their gardens have a treat in store for themselves. The bulbs are formed above ground, and are cooked like turnips when young. They then have a much sweeter flavor than turnips.

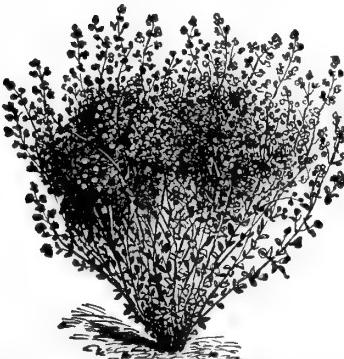
**KING OF THE EARLIES.** This is an extra choice strain of white Kohlrabia, of very quick growth, very tender and of excellent flavor. The leaves are short which admits of close planting and raising in frames for early use. This is a vegetable not sufficiently known and appreciated. We enclose with orders directions how to raise and cook. **Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$3.00.**

**EARLY WHITE VIENNA.** White, tender. **Pkt., 5c; 1 oz., 20c; 2 oz., 40c; ¼ lb., 60c; lb., \$2.20.**

**EARLY PURPLE VIENNA.**—**Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.20.**

**SHORT TOP EARLY ERFURT.**—Excellent forcing in open ground; flesh white, very tender, leaves very short. **Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$2.75.**

# HERBS—Sweet, Pot and Medicinal.



## SWEET MARJORAM—MAJORAN—MARJOLAINA.

For flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes with the air entirely excluded.

Varieties preceded by an \* are perennials.

**ANISE.** Used for garnishing, seasoning and for cordials. Pkt., 5c; oz., 10c; lb., 90c.

\***BALM.** Used for making Balm wine and tea. Pkt., 5c; oz., 20c.

**BASIL, Sweet.** The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt., 5c; oz., 15c; lb., \$1.35.

**BENE.** The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery. Pkt., 5c; oz., 15c.

**BOHNENKRAUT.** See Summer Savory.

**BORAGE.** Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.



## BORAGE—GURKENKRAUT—BOURRACHE.



ROSEMARY.

**CARAWAY.** Seeds are used for flavoring bread, pastry, meats, etc. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**CATNIP or Catmint.** Grown for bee pasture. The leaves and young shoots are used for seasoning. Pkt., 10c; oz., 30c.

\***CHIVES.** Used for seasoning. Plants, per clump, 10c; doz., \$1.00. By mail, add 5c per clump for postage. Seed, pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 60c.

**CORIANDER.** The seeds are used for flavoring. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**DILL.** Leaves are used in pickles and for flavoring soups and sauces. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

\***FENNEL.** The leaves boiled are used in fish sauces and are beautiful for garnishing. The seeds are used for flavoring. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.

**FENNEL FLORENCE.** An excellent legume with agreeable aromatic flavor, somewhat resembling celery, but with sweet taste and a more delicate odor. Very distinct from Common Fennel. Height of plant, 2 ft. Directions for culture and use given with each order. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

\***HENBANE.** The growing plants are supposed to absorb malaria. Pkt., 5c; oz., 15c.

\***HOP SEED.** Pkt., 15c.

\***HOREHOUND.** The leaves are used for flavoring and also in the manufacture of cough remedies. Pkt., 5c; oz., 15c.

**HYSSOP.** The tops and flowers are used for Hyssop tea. Pkt., 5c; oz., 15c.

\***LAVENDER.** The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in the making of perfumes. Two kinds.

**LAVENDER TRUE (Lavendula vera).** The best. Pkt., 10c; oz., 35c; lb., \$3.50.

**Lavendula spica.** Not quite so strong. Pkt., 5c; oz., 10c; lb., \$1.00.

**LAVENDER PLANTS.** Give much better results than seed. First size, 15c each; 3 for 40c; doz., \$1.25; 2nd size, 25c each; doz., \$2.00, postpaid.

**MARIJoram (Sweet).** The leaves and the end of the shoots are used for flavoring in summer and they are also dried for winter use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.

\***MINT, Old Fashioned.** For mint sauce and jellies. Plants 1 yr. old, 10c each; doz., \$1.00 postpaid. Plants 2 yrs. old, 20c each; doz., \$2.00 postpaid. Large plants (by express), 50c each; doz., \$4.00.

**PENNYROYAL.** Leaves are used for seasoning puddings and various dishes. Pkt., 10c.

**PEPPERMINT.** The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint. 25 seeds, 10c; 100 seeds, 30c; 500 seeds for \$1.25.

**PIMPINELLA (Burnett.)** The young tender leaves are used as salad; they have a flavor resembling that of cucumbers. Pkt., 5c; oz., 15c.

**ROSEMARY.** The leaves are used for seasoning. Pkt., 5c; oz., 25c.

\***RUE.** For medical purposes; good for fowls for the croup. Pkt., 5c; oz., 15c.

**SAFFRON.** Used for coloring certain dishes, also flavoring. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c.

**SAGE, Holt's Mammoth.** The plants are of strong growth, attain height of 1 ft. the first season and spread so that a single plant covers a space 2 ft. in diameter. They are perfectly hardy and make a still larger growth the second season. Price, each, 15c; 3 for 25c; 7 for 50c; 15 plants for \$100; by mail, postpaid.

**SAGE.** Leaves and tops are used for seasoning and stuffing. Pkt., 5c; oz., 15c; lb., \$1.75.

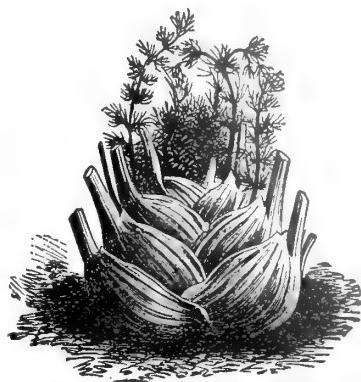
**SUMMER SAVORY.** The leaves and young shoots are used for flavoring, especially for boiled string beans. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**TAGETES LUCIDA.** This possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. Pkt., 5c;  $\frac{1}{2}$  oz., 25c.

\***TARRAGON (Artemesia dracunculus).** For vinegar making. The leaves, dried or fresh, are steeped in ordinary vinegar. The flavor thus added is much liked. A hardy perennial. Plants only. First size, 15c each; doz., \$1.00; 2nd size, 25c each; doz., \$2.50, postpaid.

**THYME.** Used for seasoning; a tea is also made for nervous headache. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 30c; lb., \$3.50.

\***WORMWOOD.** Beneficial for poultry; should be planted in poultry yards. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.20.



FLORENCE FENNEL.

**CHAMOMILE (Matricaria Chamomile).** The dried flowers possess medicinal value. Prescribed by physicians as an emetic and vermifuge. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

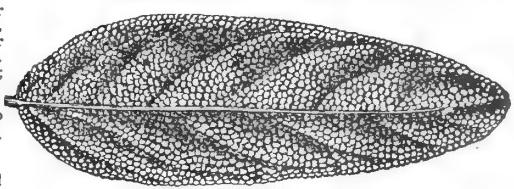
**WALDMEISTER (Asperula Odorata).** Used in May Wine and also for scenting clothes. Pkt., 10c.



LAVENDER—LAVENDEL—LAVENDE.

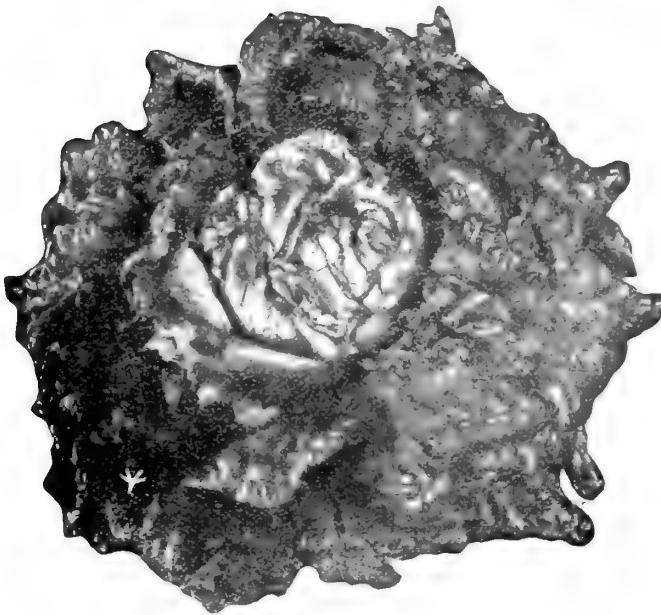


SUMMER SAVORY—BOHNENKRAUT—SARRIETTE

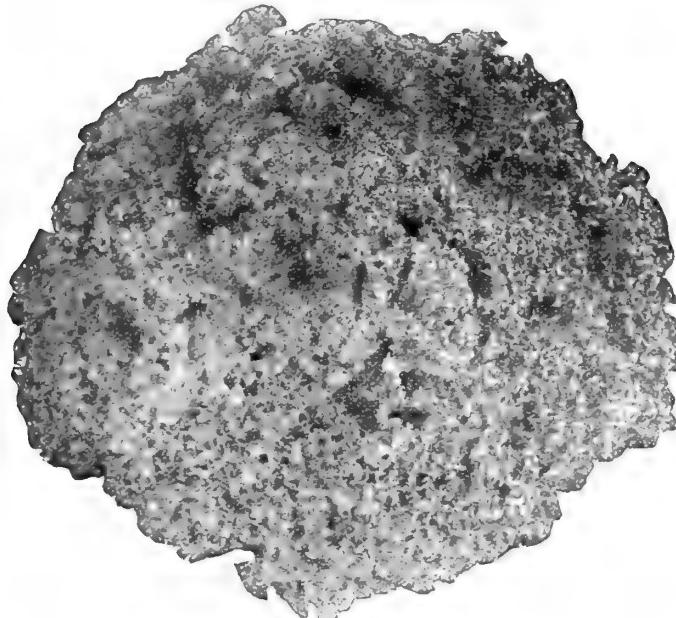


HOLT'S MAMMOTH SAGE.  
Plants Only.

CULTURE—See "Vaughan's Vegetable Garden," a copy of which is free to buyers of Vaughans Seeds.—Ask for it.



**BLACK SEEDED SIMPSON.** Most Desirable for the Amateur's Garden.



**GRAND RAPIDS.**

**Early Prize Head.** For many years the most popular of the large loose headed sorts. The leaves are finely crimped and fringed, the outer sides being somewhat shaded with brown. Exceedingly crisp, sweet and tender. Excellent for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**Early Curled Silesia.** It is the old favorite, dwarf, compact habit, and thick growth. The crisp golden leaves have finely curved edges. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**Early Curled Simpson.** White seeded. One of the best of the leaf lettuces. Quite similar to Early Curled Silesia. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**The Morse.** A careful selection from the Black Seeded Simpson by a seed grower of large experience. A very desirable strain of this type of lettuce for growing under glass. Leaves are beautifully wrinkled, and of a bright green color. In quality, the very best of the loose leaved sorts. Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

## EARLY HEAD LETTUCE. May King.

A desirable, very early head lettuce has long been sought. This new variety meets the requirements. Growth rapid—so rapid it is ready far ahead of other heading sorts. Heads medium sized with outer leaves folding close to the head, thus permitting close planting for frame work; color fine, outer leaves tinged slightly brown; heart of a beautiful appetizing yellow; quality excellent, leaves being exceedingly tender. Pkt., 10c;  $\frac{1}{2}$  oz., 12c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

## LETTUCE.

**CURLED OR LOOSE LEAVED SORTS.**

Two ounces of seed to 100 yards of row, 4 pounds to the acre, 40 to 50 days from seed to maturity.

We not only have grown for us special stocks of Lettuce for gardeners, but also make special trials and selections in our own fields at Western Springs, Ill.

### BLACK SEEDED SIMPSON.

**Vaughan's Selected Stock.** This is by far the most popular of all Lettuces in those localities where leaf lettuce is grown. For the amateur gardener who does not transplant nor thin his crop and therefore has no success with head lettuce, this is the best sort. It grows a large leaf of ideal green color, the inner leaves forming a loose head. The leaves are quite thin, very tender, crisp, and of fine quality. It is the most desirable all-around lettuce. Good under glass, and excellent for frames or early planting. Moreover, during the summer it withstands the heat as well as any other sort. It is largely planted, and is the best, outdoor leaf lettuce for market gardeners.

Our strain is a very fine one; all our stock seed being saved each year from extra selected plants.

**Vaughan's Select Stock:** Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**Black Seeded Simpson, very choice:** Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

### GRAND RAPIDS LETTUCE.

For Winter forcing in Greenhouse there is no variety that produces such results as the Grand Rapids. It is a leaf lettuce; the leaves are very finely curled, and are of very handsome appearance. In habit, it is a strong grower, and will keep from wilting longer while exposed for sale than any other variety. Its upright habit admits of very close planting in Greenhouse, and in the garden. One of the very best leaf lettuces for outdoor use. Our selected stock has been especially grown for greenhouse use, and runs wonderfully even and true to type.

**Vaughan's Extra Selected Stock:** Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.50.

**Ordinary stock:** Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c; 5 lbs., \$3.25.

**Tilton's White Star.** A distinct variety of the Black Seeded Simpson type, which grows larger and more rapidly. Its leaves are broader, thicker, darker and a little less frilled at the edges. Forms a large loose head, blanches well, and is of good quality. A desirable sort for outdoor use, as it is slow running to seed. Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**Denver Market Forcing.** An early variety of loose headed type, either for forcing or open ground. Forms good sized heads of light green color. Leaves are handsomely marked and blister similar to a Savoy cabbage. Very crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

### LEEK—LAUCH PORREE.

**Long Mezieres.** One of the most desirable of the Leek varieties. Has broad, vigorous, erect leaves, and long, good-sized stem, of snowy-white color, and best flavor. It is very hardy. For market garden use is unsurpassed. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**Bulgarian Winter.** This is one of the most desirable of Leeks, being extremely hardy and of enormous size, the stock being tender up to a height of 15 in. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 ozs., 40c.

**Broad Scotch or London Flag.** Hardy. A large, strong plant with broad leaves. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.10.

**Large Musselburgh.** Enormous size, leaves large and broad, mild, pleasant flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.10.

**Rouen, Very Large Winter.** Large and excellent, enormous in size, best of all. Pkt., 5c;  $\frac{1}{2}$  oz., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



**LONG MEZIERES.**

*Field and Greenhouse Trials for Germination and Purity are Made of All Our Lettuce Seed*

# CABBAGE or HEAD LETTUCE



**Vaughan's All Seasons Lettuce**  
A distinct sure heading variety for all seasons. Heavy thick leaves, buttery and of delicious flavor.

**Improved Hanson** A heat resisting curled leaved lettuce for mid-summer planting. Crumpled leaves, crisp and tender, inside portions being almost white.

## Vaughan's All Seasons

When we introduced this distinct mid-season variety in 1897, it at once jumped into great popularity and is today unsurpassed as a head lettuce for general home and market garden use in Northern climates. Around Chicago it is the most popular of all the head lettuces. Its features are large, handsome, extremely solid head, almost as large as a Flat Dutch Cabbage; color, a light grayish green, never spotted nor brownish; leaves broad and the head being large, the inner leaves are beautifully blanched; very slow to run to seed; sure heading; and the quality excellent, decidedly buttery with thick leaves of much substance. Chicago gardeners find our introducer's selected seed far superior to that offered by other seedsmen. **Pkt 10c, oz 15c, ¼ lb 35c, lb \$1.25.**



EXPRESS COS LETTUCE

## COS LETTUCE

These Lettuces have a distinct upright habit and are considered by many to be the highest quality of all lettuces. Very crisp and sweet.

**EXPRESS COS.** The most dwarf and earliest of all. Delicious flavor. Self closing. **Pkt 10c, oz 15c, ¼ lb 50c, lb \$1.50.**

**PARIS WHITE COS.** Grows to large size. Self-closing. **Pkt 5c, oz 10c, ¼ lb 40c, lb \$1.10.**

**TRIANON COS.** Similar to above, but grows whiter and matures earlier. **Pkt 5c, oz 10c, ¼ lb 40c, lb \$1.10.**

**BLONDE BEAUTY** We consider this a most splendid sort, and worthy a trial in every garden. It resists the heat to a remarkable degree and is also an excellent keeper after being cut; is tender, sweet, crisp and juicy. It is a distinct sort, recommended for shipping and the home garden. **Pkt 5c, oz 15c, 2 ozs 25c, ¼ lb 35c, lb \$1.10.**

**CALIFORNIA CREAM BUTTER** This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size, and are so very solid they often have to be cut before the seed stalk can appear. They are crisp, have a rich, buttery flavor and are an ornament to the table. **Pkt 5c, oz 10c, ¼ lb 30c, lb 90c.**

**ST. LOUIS BUTTER HEAD** This fine sort attracted the attention of many visitors at St. Louis during the recent fair. It has been a local variety there for a number of years, one of the local market growers growing a special strain, which has attained high popularity. The head is large and solid as a cabbage with beautiful, crumpled, yellow inside leaves of the finest quality. Since its introduction in other markets it has had a large demand. Our Chicago gardener customers plant a large acreage of this variety. **Pkt 5c, oz 10c, ¼ lb 30c, lb \$1.00.**

## OTHER GOOD SORTS

Price: Any of the following, Pkt 5c, oz 10c.  
**BROWN DUTCH.** The standard early brown sort. **½ lb 30c, lb 90c;**

**BUTTERCUP.** The lightest green and most yellow of all sorts. Excellent quality. **½ lb 30c, lb 90c.**

**FORCING MILLY.** A very early variety. **½ lb 25c, lb 85c.**

**GIANT CRYSTAL HEAD.** White and solid, extra quality. **½ lb 30c, lb \$1.00.**

**GIANT GLACIER.** The largest of head lettuces. **½ lb 30c, lb \$1.00.**

**MAMMOTH BLACK SEEDED BUTTER.** Large hard heads. A favorite everywhere. **½ lb 30c, lb 90c.**

**NEW YORK.** Very white leaves. Large. **½ lb 30c, lb \$1.00.**

**SALAMANDER.** In all seasons, good, standard lettuce. **½ lb 30c, lb 90c.**

**TENNIS BALL.** Black seeded. One of the best standard, all purpose varieties. **½ lb 30c, lb 90c.**

**TENNIS BALL.** (Boston Market). White Seeded. A good forcing sort. **½ lb 50c, lb 90c.**

**WHITE SUMMER CABBAGE.** A very hardy all round green leading variety. **½ lb 30c, lb 90c.**

## Improved HANSON

This standard variety is the most planted of all head lettuce. It is a well known and well tried sort and its merits have been proven on all markets. One of its popular characteristics is the wonderful heat and drought resisting quality, when used for outdoor summer planting.

It forms very large firm heads, with broad leaves, beautifully curled and crinkled and exceedingly tender and sweet. The outside leaves are shining green and the inside ones almost white, formed into a compact, hard globe shaped head. For all sections the Improved Hanson is fine for market and in the home garden. In the Central States where there is a great deal of hot summer sun it is the best. A sure header and reliable it will always be a favorite.

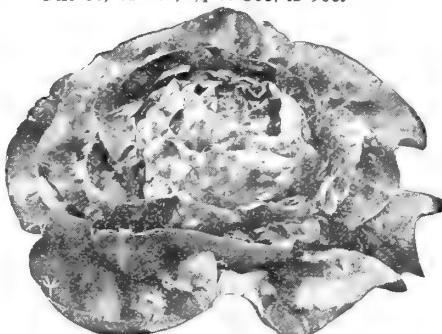
**Pkt 5c, oz 10c, ¼ lb 30c, lb 90c.**

**PERPIGNAN, or Defiance** Is unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than most others. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. **Pkt 5c, oz 10c, ¼ lb 30c, lb 90c.**

**DEACON** Is a large solid, most satisfactory variety, in the family garden or for market. Growing to large size, it is later than most of the other varieties, but is the **most sure-heading of any large buttery variety.** The interior of the head blanches to a beautiful golden yellow, and is of a rich buttery flavor. **Pkt 5c, oz 10c, ¼ lb 30c, lb 90c.**

**MAXIMUM, or Immensity** A wonderful new Lettuce, remaining a long time, even in the hottest weather, without going to seed. It is green outside and yellow in the center. It is one of the largest and most solid of Head Lettuces and its quality is of the best. **Pkt 5c, oz 10c, ¼ lb 30c, lb \$1.00.**

**ICEBERG** An extremely hard heading variety. Leaves have small indentations. Good for home and market. **Pkt 5c, oz 10c, ¼ lb 30c, lb 90c.**



BIG BOSTON

## BIG BOSTON, Vaughan's Selected Stock

The best large heading early variety. The most popular variety for the Southern gardener who ships North. Also very valuable as first early in the North. Plants are large, vigorous; leaves are bright light green, very tender. Our strain is unsurpassed. Many gardeners in the South will plant only Vaughan's Big Boston.

**Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb \$1.25.**

**UNRIVALED** A light green strain of Big Boston.

**Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.25.**

# MUSKMELONS

## VAUGHAN'S ORIGINAL OSAGE

We hardly need to repeat the fact well known to all gardeners that this now famous melon was first sent out by Vaughan's Seed Store, and that our firm paid ten times the ordinary seed-growing prices for the special care which was and still is given to saving the seed sent out by us. The Melon is known in all markets by name, on the bills of fare of many leading hotels and prominent restaurants in the largest cities of the United States. It is distinct, quite large, probably three times the size of the ordinary (Netted Gem), and has a deep salmon flesh which is of a peculiar cheeselike texture. The melon holds its good flavor in nearly all its fruits much better than most kinds, that is, a well-grown Osage Melon is seldom poor in quality, while many Gems and other types are found flat and insipid when cut, although the melons themselves appear to be all right. The Osage is well liked everywhere and each year finds an increased demand for VAUGHAN'S type from consumers in the hotels and restaurants where melon buyers and users are most critical. Our type has a rather dark skin and moderately netted as shown in the illustration. The rich orange flesh is extremely thick and of highest flavor.

Price: Selected Stock Seed, pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 45c,  $\frac{1}{4}$  lb 75c, lb \$2.60.  
Regular Stock Seed, pkt 5c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 40c, lb \$1.35.

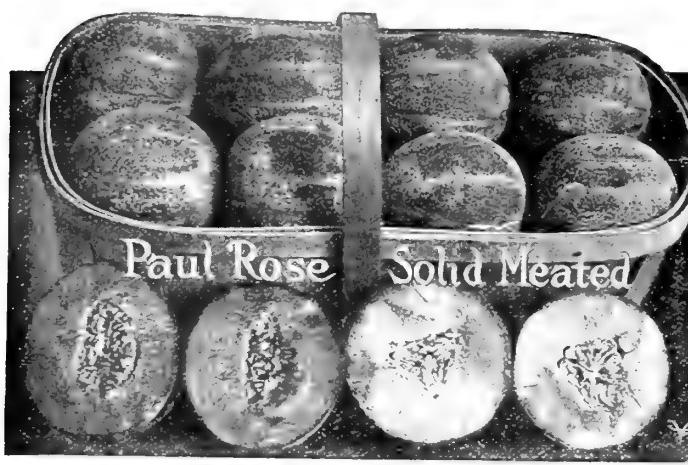


VAUGHAN'S ORIGINAL OSAGE

## VAUGHAN'S PAUL ROSE or PETOSKEY

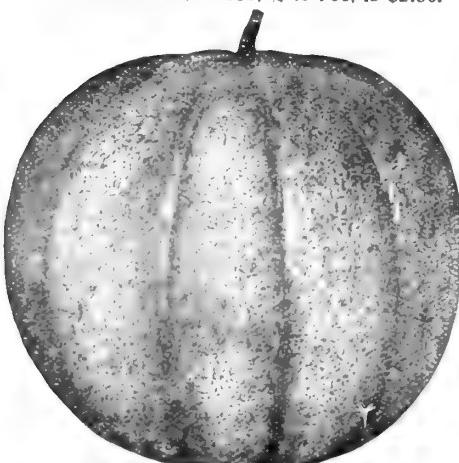
The Paul Rose Muskmelon produces a higher percentage of high quality table melons, every crop, than any other variety (except the Rockyford grown under irrigation). This melon is a hybrid between the Osage and Netted Gem, combining the best points in both parents. It has the thick reddish salmon flesh, the firmness and cheesy structure of the Osage; the netting and shape resemble the Rockyford and the rich flavor is distinctly its own. Ripens ten days earlier than the Osage; is a perfect basket melon, does not break down in shipping. It will pay you to come to us, the originators for Paul Rose Melon Seed.

Price: Selected Stock Seed (Michigan grown), pkt 10c, oz 25c, 2 ozs 40c,  $\frac{1}{4}$  lb 75c, lb \$2.60.  
Regular Stock, pkt 5c, oz 10c, 2 ozs 15c,  $\frac{1}{4}$  lb 30c, lb \$1.00.



**VAUGHAN'S "HOODOO" MELON** (Introducer's Strain). "As like as peas in a pod." Read full description on Novelty pages in the front of this book. This new melon is the equal in its many different points and the superior in its all round qualities of any melon before the public to-day. The sweetness and quality the best; salmon flesh; productive; uniform; gem size the best for sowing; early and a superior shipper.

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c,  $\frac{1}{4}$  lb 70c, lb \$2.50.



**TIP TOP** Selected Stock. A Melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. A strong grower, heavy yielder and of handsome appearance. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 45c, lb \$1.60.

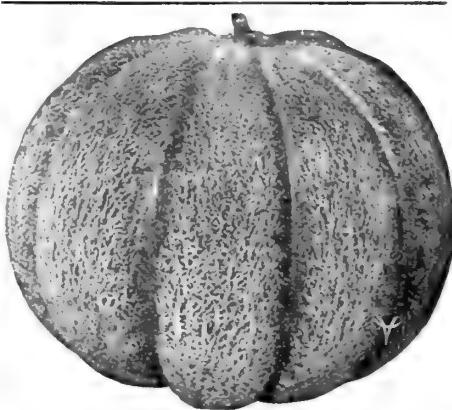
**Extra Early HACKENSACK** This is a selection of the old Hackensack, which it resembles, but it is fully ten days earlier. The melons weigh from 4 to 10 lbs. and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 35c, lb \$1.10.

HACKENSACK. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**SPECIAL SHIPPING OSAGE** We have this year a small quantity of a special strain of this melon, slightly more netted than original type, that has been selected particularly as a shipping melon. While it retains all the good points of the original, the prices are a little high, but the additional cost of selection compels.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.80.

In no other market crop is the general public so confined in use to particular local varieties. We are always glad to furnish our customers any information of benefit which we may have derived from our thirty years of experience.



EXTRA EARLY HACKENSACK

# MUSKMELONS

## GEM TYPES

### NETTED GEM, ROCKY FORD—Selected Stock

We are supplying this season very carefully saved Rocky Ford (Colorado) seed of this variety. It is well known that much seed offered of this variety has been saved by local canteloupe shippers from the surplus or cull Melons, by men who know nothing and care less about the true responsibility of the seed trade. Such seed is dear as a gift to any Melon grower. With the great number of seeds in the single pound and the great possibilities in the quantity of fruits from such a number of seeds, it will be readily seen, that the actual cost of the choicest possible seed is only a small fraction of a cent on a whole crate of Melons. Why should any grower then hesitate to use the very best obtainable?

**VAUGHAN'S SELECTED STOCK.** (From best melons.) Pkt 10c, oz. 20c,  $\frac{1}{4}$  lb 50c, lb \$1.75.

**REGULAR FIRST GRADE SEED.** These seeds are saved from a field in which only seed Melons are grown. Very dependable. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.

Below follows a list of popular Gem Melons of different sizes and shapes.

**NETTED GEM, ROCKY FORD**

### VAUGHAN'S IMPROVED MILWAUKEE MARKET

This is a fine new melon that made its appearance in Milwaukee a few years ago. It originated as a cross between the old Surprise and a Gem melon. Our strain has been improved by careful selection and we think for a fine home melon and a market-wagon variety it has no superior. The melon is light green in color, nearly round with only slight suture, flesh a salmon color, wonderfully sweet, with almost no stringiness. In Milwaukee this melon has always commanded prices much higher than the Rocky Ford. As a home garden melon we consider this variety ideal.

Pkt 10c, oz 25c,  $\frac{1}{4}$  lb 75c, lb \$2.50.



**MILWAUKEE MARKET**

**JENNY LIND** Vaughan's Selected Stock. This Melon is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety so that it does not "break down" easily in shipping, and yet it retains the flattened ends which by many is considered as giving good appearance and also permits compact placing in baskets or crates.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.



**JENNY LIND**

**OVAL GEM** Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 35c, lb 90c.

**BENTON HARBOR GEM** This is a selection made by the best growers in the Michigan melon district.

Pkt 10c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.25, 5 lbs \$4.75.

**ROUND GEM** This is the true original type of Netted Gem originated in Philadelphia, but our grower has improved it by weeding out so far as possible the oval type.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb 85c.

### THE OSAGE GEM

Combines the shipping qualities and flavor of the Osage and Netted Gem (Rocky Ford). A splendid shipper. Outside like the Netted Gem, inside like Osage or Paul Rose, it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It has two great advantages for the gardener. First, it will sell for the highest prices in any market where "Gems" are popular. Second, when cut it will please all customers who prefer a salmon fleshed melon.

Pkt 10c, oz 25c, 2 oz 25c,  $\frac{1}{4}$  lb 50c, lb \$1.60.

**VAUGHAN'S CHICAGO MARKET** This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green flesh sort.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.40.

**MONTREAL MARKET** The very largest of all nutmeg sorts. The fruits sound, flattened at the ends and have very broad ribs. Flesh is green, fine quality.

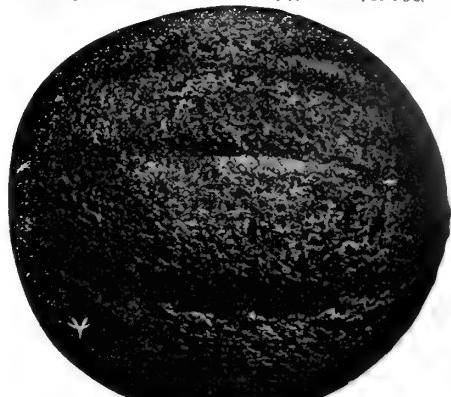
Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.60.



**EMERALD GEM**

One of the very sweetest of melons. The skin is smooth and of deep emerald color. Flesh is very thick and of a delicate salmon color. The vines bear early and are very prolific. For a home-garden melon this is one of the very best on account of its superb quality. It is not a good shipper, on account of its thin rind. Our seed is of the very best, selected from best and sweetest melons only.

Pkt 10c, oz 20c, 2 oz 35c,  $\frac{1}{4}$  lb 50c, lb \$1.50.



**THE OSAGE GEM MUSKMELON**

**CHAMPION MARKET** The flesh is thick; light green in color and of very rich, sweet flavor. It is as early as the Netted Gem, which it resembles in shape and appearance, but is fully three times larger; very prolific and a good shipper.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.25.

### OTHER GOOD SORTS

**THE SYRACUSE**. The largest superior quality melon. Specimens weigh 6 to 9 lbs. Skin grayish green, flesh light green.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**EARLY CITRON, LANDRETH'S.** Very early half flat sort. Flesh green, of fair quality.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 80c.

**BANANA.** Cucumber shape. Delicious odor. Rather late maturing.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.85.

**EXTRA EARLY NUTMEG.** Nutmeg shape. Very early; green flesh.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 80c.

### MANGO MELON (Vegetable Peach)

Of golden yellow color, resembling an orange in shape and size, the flesh is snow white. They make splendid mangoes, stuffed like Peppers. For sweet pickles, pies and preserving they have no equal. Packet has cooking directions. Large pkt 10c, 3 for 25c.

**GARDEN LEMON** or Lemon Cucumber. Fruits short, nearly round, with yellow and green markings, skin smooth, flesh exceedingly tender and of sweet melon flavor. Best when just turning yellow. Makes good preserves. Pkt 10c, 2 for 15c, oz 25c.

### FORCING MELONS

Highest Table Quality: Suited for Greenhouse Growing. **Emerald Gem Forcing.** Salmon flesh, early, uniform. Pkt 15c.

**Turner's Seedling**—Originated by Wm. Turner of New Jersey. Grows between Royal Favorite and A1 High Quality, robust and free setting. Pkt (25 seeds) 50c.

A1. Superb. Scarlet flesh. Crop failed.

Best of All. Green flesh.

Blenheim Orange. Scarlet flesh.

Diamond Jubilee. Green flesh.

Invincible Scarlet. Scarlet flesh.

Royal Sovereign. White flesh.

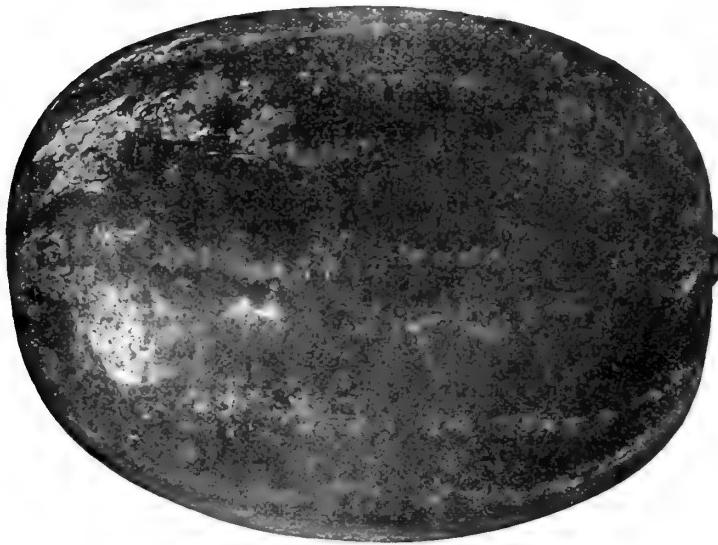
Prices of above, except where noted, each, pkt 25c.

"Your Hoodoo Melon is a great success. It comes fine. Up here it is the finest we ever ate."

STEPHEN FORBES, Marinette, Wis.

# WATERMELON

The home or market garden in the Northern States should have an early Water Melon. The best one yet found for this section is Cole's Early. Its chief fault is it does not ship. The sweetest of Water Melons is the Kleckley Sweet. The best market varieties in the warmer states are the Black Diamond, Kolb's Gem, Sweetheart, Triumph and Alabama Sweets.



**COLE'S EARLY—The Best Early Watermelon**

#### VAUGHAN'S BLACK DIAMOND—A Market Variety

A cross between Kolb's Gem and Hoosier King. All that could be said of Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the Black Diamond. All the praise of high quality bestowed on the Sweetheart can be repeated of this melon, but its prominent point of merit is its extreme size—no melon ever yet produced anything like so uniformly large fruit, nor approached it in productiveness. Melons weighing from 75 to 90 lbs. are frequent. It is the most prolific Water Melon ever planted. Its color is a rich, dark green, almost black. Its symmetrical shape, roundish to bluntly oval, is uniform throughout the field. The vine is extremely vigorous.

**VAUGHAN'S SPECIAL—Pkt 5c, oz 10c, ¼ lb 25c, lb 75c; by express, 5 lbs \$3.00.**

#### McIVER'S WONDERFUL SUGAR

One of the sweetest of Water Melons. Season rather late. The melon is of medium size, elongated shape and striped exterior. Rind thin and a poor shipper. Its value lies in its remarkable quality for the home garden, or nearby shipments. Flesh is a beautiful red color of fine texture and stringless. The vines are strong and productive. Light colored seeds.

**Pkt 5c, oz 10c, ¼ lb 30c, lb 85c; by express, 5 lbs \$3.50.**

#### SWEETHEART

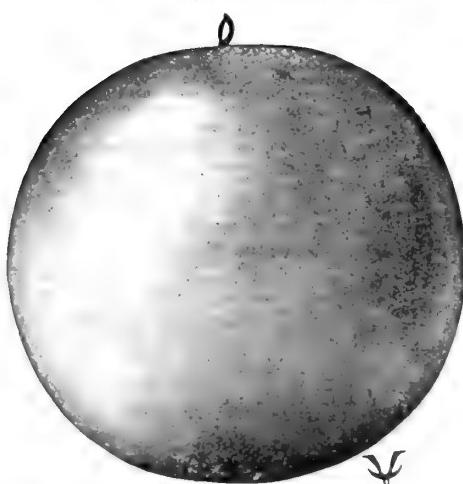
Our strain is a notably sweet-hearted kind for home and market use, and will hold its own (in the Water Melon patch) for many years to come. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled, light and dark green, rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet. A fine shipper.

**Pkt 5c, oz 10c, ¼ lb 25c, lb 75c; by express, 5 lbs \$3.00.**

#### ALABAMA SWEETS

A Southern favorite and at present the most popular shipping Texas melon. Dark green color, good size and excellent quality. We have an especially fine strain.

**Pkt 5c, oz 15c, ¼ lb 30c, lb \$1.00.**



**WINTER WATERMELON**

#### WINTER WATERMELON

This melon is early, earlier than Sweetheart, and is a very prolific bearer. The flesh is red, of extreme firmness—in fact, almost hard as a citron—very brittle and deliciously sweet. In color it is very light green, almost white. The firmness of the flesh causes it to be the longest keeper of the water melon family. Placed in a cool place, it will keep long into the winter and still retain its delicious sweetness and flavor.

**Pkt 10c, ½ oz 15c, oz 25c, 2 oz 40c, ¼ lb 60c, lb \$2.00, postpaid.**

#### NEW CHILIAN WATERMELON

Does the best in a Southern climate. Very attractive, quite large, nearly round; has a dark green rind with black stripes from end to end. The flesh is bright red, solid, sweet and melting.

**Pkt 10c, oz 15c, ¼ lb 50c.**

#### FORDHOOK EARLY

A good shipping large early Water Melon. This variety has been extensively exploited by Pennsylvania seedmen, who make very strong claims for it. We find it not as early or as sweet as Cole's Early. Short shape, but chunky and heavy.

**Pkt 5c, oz 10c, ¼ lb 25c, lb 75c.**

#### HOODOO CANTALOUE

The best all-purpose Muskmelon to date. We are the introducers. See Novelty Page 6.

#### COLE'S EARLY—Early and Very Sweet

This is the best of the early Water Melons for growing in the northern states. Besides being early in the season the vines are very vigorous and productive; the yield comparing favorably with the late varieties. The melons are of medium size; flesh a fine red color; eating quality excellent, crisp, melting and sweet. The rind is thin and brittle which prevents shipping to distant markets. Our seed is northern grown and has been most carefully re-selected each year.

**Cole's Early (Vaughan's Special)—Pkt 5c, oz 10c, ¼ lb 25c, lb 75c; by express, 5 lbs, \$3.00, 10 lbs, \$5.50.**

#### KLECKLEY SWEETS—“Sweetest of All”

There is no melon superior in quality to a good strain of Kleckley Sweets. The bright scarlet flesh is the ideal of Watermelon quality, firm, crisp, entirely free from stringiness or cotton and “sweet as sugar”. We think by growing our seed in the north we have increased the earliness of the variety over the usual Texas or Florida grown stock and “Kleckley” is now with us a only a few days later than Coles's Early.

The melon is oblong in shape, about twenty inches in length by ten to twelve inches in diameter. The skin is a rich dark green; the rind is thin and brittle and for this reason the melon is a poor shipper. (Identical with Monte Cristo). For the home garden and local market it should always be given a place.

**Kleckley Sweets (Vaughan's Special)—Pkt 5c, oz 10c, ¼ lb 30c, lb 85c; by express, 5 lbs, \$3.50.**



**KLECKLEY SWEETS—“The Sweetest of all Melons”**

#### STANDARD VARIETIES

We can supply any of the following at the uniform price of: **Pkt 5c, oz 10c, ¼ lb 25c, lb 75c, postpaid.**

**Colorado Citron and Red Seeded Citron**—Two melons used for preserving only.

**Cuban Queen**—One of the best late melons. Very large.

**Duke Jones**—A round large shipping melon of fair quality.

**Florida Favorite**—A medium sized long striped variety, excellent quality.

**Iceberg**—Similar to Kolb's Gem; darker.

**Ice Cream or Peerless**—Early fine quality home melon.

**Icing, Dark**—A very solid dark colored shipping sort.

**Icing, Long White**—An early long slender; quality variety.

**June Jumbo**—An old favorite; large sort.

**Kolb's Gem, Improved**—A standard market shipping melon.

**Mountain Sweet**—One of the best sellers; sweet, oblong shaped melon with thin rind.

**Phianey's Improved**—An early medium sized oblong melon.

**Rattlesnake or Gypsy Striped**—An oblong melon, striped and mottled; very sweet; popular South.

**The Dixie**—An old standard, second early, good quality shipping variety.

**Triumph**—A very dark large shipping melon.

# Vaughan's Mushroom Spawn

Always in Stock-Live Spawn



## COMMERCIAL MUSHROOM GROWING

The ever increasing demand for this delicacy for hotels, restaurants and home table has resulted in the establishment of many commercial Mushroom growers. High prices and unsupplied markets offer a very profitable field. The prospective grower should realize, however, that success in growing mushrooms for market is attained only with a minute and technical knowledge of many details and should not be entered into on a large scale without a thorough understanding of these points and some practical experience. There is no secret process of growing. The details in growing Mushrooms, however, are very important, more so, perhaps, than for any other vegetable crop, and while even a beginner can obtain good results, to compete with old and experienced growers on the market, the maximum returns with the least possible cost is essential to financial success.

We invite inquiries from those who consider going into this line.

### AMERICAN MADE

#### PURE CULTURE MUSHROOM SPAWN

This Spawn is made in America from selected Mushrooms grown under cultivation. Such Spawn is fresher than the English, which must be thoroughly dried before its long shipment; the growth of American Spawn is therefore quicker and stronger than the imported. We receive monthly shipments from our manufacturer, The American Spawn Co. (Lambert), so that our Spawn is always fresh and strong.

We carry the pure white, brown, and cream brown varieties; known also under manufacturer's number and as Alaska, Columbian, Holland, and Bohemia.

**Price—Direct Bricks, inoculated direct from Pure Cultures.** Brick 40c; 5 bricks, \$1.75 postpaid; by express 10 bricks, \$2.00; 25 bricks, \$4.25; 100 bricks, \$15.00.

**Standard Bricks, inoculated from Direct Bricks.** Brick 35c; 5 bricks, \$1.40 postpaid; by express 10 bricks, \$1.85; 25 bricks, \$3.75; 100 bricks, \$12.00.

#### ENGLISH MUSHROOM SPAWN

This is the best English make. Our manufacturer is the oldest Mushroom grower in England and the largest in the world. It is far superior to the old English Milltrack Spawn, being made from carefully grown selected specimens. This spawn is made especially for us, who handle more of this article than any one else in the United States, and we receive fresh importations eight to ten times each year. Commercially it is more planted than any other spawn. It comes in pressed bricks weighing almost 20 ounces. They are broken into pieces the size of a walnut and put sidewise in the beds eight inches apart each way. Prices, per brick 25c, 5 for \$1.00, postpaid. By express or freight, per brick 15c, two for 25c, 8 bricks \$1.00, 25 lbs \$2.00, 100 lbs \$6.50; if shipped from New York \$6.00. Special prices on  $\frac{1}{2}$  ton lots and upward.

**French Mushroom Spawn,** planted for growing Button Mushrooms. Price, per 2 lb. box, 75c; if by mail \$1.20.

**MUSHROOM CULTURE.** How to prepare the beds and raise the Mushrooms. Robinson, best English book, cloth bound, 50c, postpaid.

**MUSHROOMS.** By W. Falconer. The best American book. Postpaid, \$1.00.



Okra, White Velvet

## AMATEUR GROWING OF MUSHROOMS

Many amateur gardeners are now raising Mushrooms successfully. Excellent results are not hard to obtain where a bed may be made in the basement or cellar, barn, woodshed or outbuildings (water tight), and an even temperature of 55 to 65 degrees Fahrenheit maintained during the colder months.

With an order for Spawn we give, when asked, a free book "How to Grow Mushrooms." People who follow carefully the simple instructions given in this book should have no difficulty in raising a crop. When success does not result the first time, a second trial almost without exception gives a good yield.

We supply many of the largest commercial growers in the United States and we have on hand at all times in the season fresh Spawn of the best manufacture.

### MARTYNIA, For PICKLES

The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and bear abundantly. They should be gathered when less than half grown. For culture see Vaughan's Vegetable Garden. Pkt 10c,  $\frac{1}{2}$  oz 20c, oz 35c.

### MUSTARD

The leaves make a salad or may be boiled like Spinach.

### Chinese, or Giant Southern Curled.

The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like Spinach. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 70c.

**White** Best for general use. Oz 5c,  $\frac{1}{4}$  lb 15c, lb 40c.

**Brown** Stronger than above. Price, same as white.

### OKRA, or GUMBO

This vegetable should be planted a great deal more than it is. Extremely easy to grow and its young seed pods are delicious in soups and alone. Probably the finest known vegetable for this use. Full planting and cooking directions on each package.

**White Velvet** Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-holed. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 60c.

**Dwarf** Grows low but stocky and is very productive. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

**Tall, or Perkins' Mammoth** The long pods measuring 4 and 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 50c.

A. B. Pitts, of Evanston, Ill., writes, Dec. 30th: "The Mushroom Spawn I received from your store last summer is the best I ever had. My first bed began to yield on November 1st. Today it is completely covered with small mushrooms."

**PURE CULTURE MUSHROOMS.** 32 page, 25c, postpaid. Free with order for spawn over two dollars.

**MUSHROOMS.** How to Grow. By Fraser, 12 pages, published by Vaughan's Seed Store. Price 10c, or free with every order for spawn amounting to one dollar or over, if requested with order.

## VAUGHAN'S PEDIGREE ONION SEED

Globe VarietiesVARIETIES

Prospective onion growers should consult the market where they expect to sell their onion crop before deciding on the variety or varieties to plant. Different cities and localities demand different varieties of onions. What sells well in one place will bring indifferent prices in another.

In general Globe Onions are the most popular, for they grow larger than the flat and yield better. The flat onions, however, are earlier maturing. The larger onions, like Prizetaker and Ailsa Craig, take a long season to mature, and the best results are usually had by starting early in hot bed or cold frame and transplanting to a rich soil.

**GLOBE  
ONIONS**

Of the Globe Onions, Vaughan's Ideal White Globe for white; Apple-shaped Red, and Southport Red Globe, for red; and Ohio Yellow Globe, Fancy Globe Danvers and Southport Yellow Globe, for yellow, are ideal of their kind, and most critical planters can rely upon our seed.

Vaughan's IDEAL WHITE GLOBE

This is the handsomest of all Onions. Our Genuine Eastern grown stock is of the true globe form; pure white, hard, small necked, ripening very early and evenly, a good keeper. We supply the largest market gardeners in Chicago and the West. No market gardener or onion grower can afford to plant inferior seed, with only cheapness of price to recommend it, when seed like ours is to be had, the results of a few ounces often paying twice the first cost of the best seed.

Prices: Eastern Seed, pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 45c,  $\frac{1}{4}$  lb 80c, lb \$2.85, postpaid. By express, 5 lbs \$13.50, 10 lbs \$26.50.

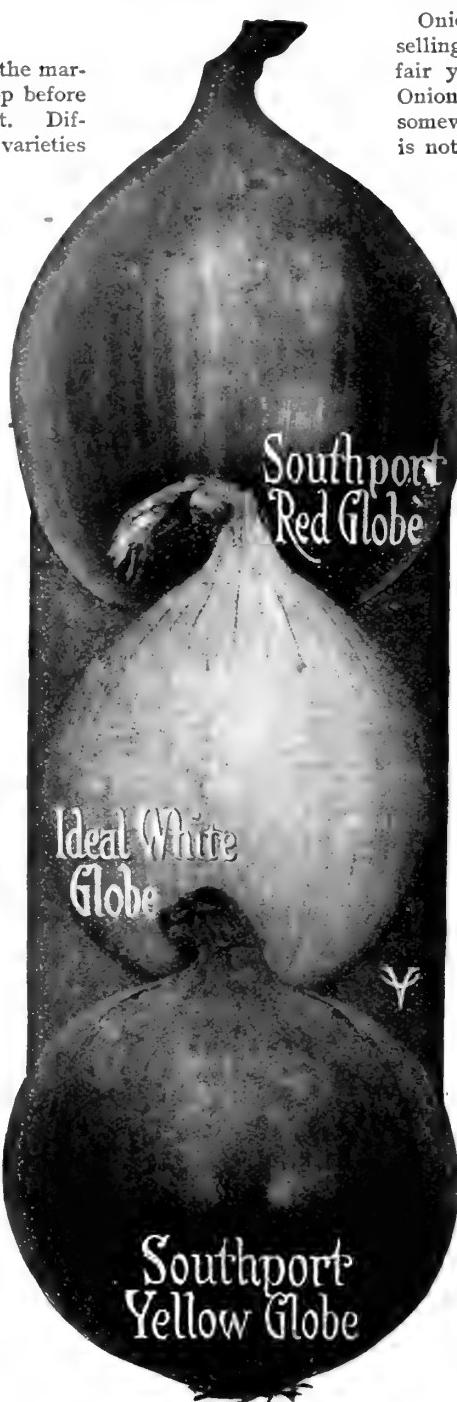
Prices: Western Seed, pkt 10c, oz 20c, 2 oz 35c,  $\frac{1}{4}$  lb 70c, lb \$2.45, postpaid. By express, 5 lbs \$11.50, 10 lbs \$22.50.

SOUTHPORT YELLOW GLOBE

A main crop, late, large, round onion. It is sure to satisfy the one who buys a packet or the one who sows 50 pounds for carload shipments. A truly grand onion, whose large golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. Finest of all yellow onions for keeping. Our Eastern strain of seed is from a grower of twenty-five years' experience who makes a specialty of this variety. There is no better.

Prices: Eastern Seed, pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70, postpaid. By express, 5 lbs \$7.75, 10 lbs \$15.00.

Prices: Western Seed, pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.35, postpaid. By express, 5 lbs \$6.25, 10 lbs \$11.50.



Onions have been bringing fair prices this year, selling at from 50 to 60 cents per bushel, which, with fair yields, would be profitable to onion growers. Onion Seed, as these pages will show, is selling somewhat lower than last year, although the crop is not a heavy one, and of some kinds, whites particularly, the harvest is very moderate, and buyers should secure their supply early.

Our Onion Seed now in store of the past summer's crop shows high germination test, averaging from 88 to 92 per cent. These are excellent tests for the thoroughbred types of American grown onions. We always urge Onion Seed planters to test the seed for themselves.

SOUTHPORT BLOOD-RED GLOBE

Our Blood-Red Globe is a beautiful crimson red and a better lot of seed cannot be found. It is of immense size, very solid and firm—qualities which make it a fine seller and an excellent keeper. Our market garden customers regularly grow crops yielding 800 to 1,000 bu. from this seed. Our grower is an expert who especially selects this seed from large fine colored, solid bulbs, well cured and ripened, carefully avoiding all thick necked ones.

Prices: Eastern Seed, pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70, postpaid. By express, 5 lbs \$7.75, 10 lbs \$15.00.

Prices: Western Seed, pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.35, postpaid. By express, 5 lbs \$6.25, 10 lbs \$11.50.

OHIO RED GLOBE

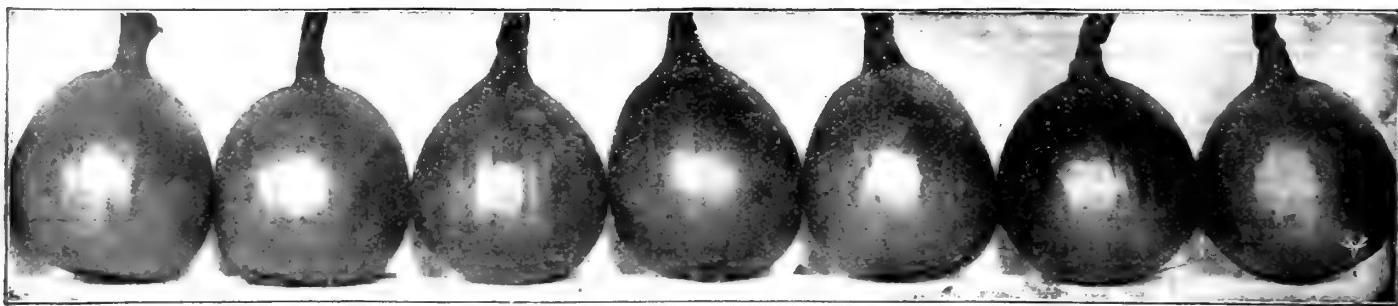
A very uniform Red Globe Onion similar in shape to the Ohio Yellow Globe Lake county, Ohio, seed, grown by the originator.

Prices: Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70, postpaid. By express, 5 lbs \$7.75, 10 lbs \$15.00.

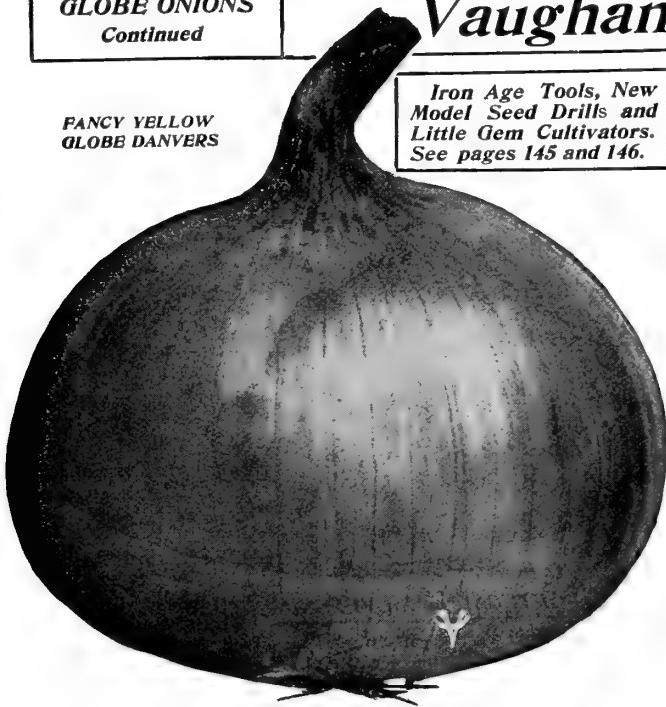
OHIO YELLOW GLOBE

Finest shaped, best colored and largest cropper of any yellow onion. This is an extra fine selection of the best colored, finest shaped and heaviest yielding bulbs, entirely distinct from the old type of Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in size and color. Its small neck and solid flesh make it a very fine keeper. In yielding, many crops of over 1,000 bu. to the acre have been raised from this seed. Among seed growers this particular strain of Yellow Globe Onion is recognized as the best in existence. Seed of this is always scarce. Our seed is raised in Ohio by the most famous grower of the strain and is especially selected for its uniformity, which is remarkable, there being almost no variation in the handsome, large golden globed bulbs. See illustration showing uniformity.

Prices: Pkt 10c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 45c, lb \$1.65, postpaid. By express, 5 lbs \$7.25 10 lbs \$14.00.



*Ohio Yellow Globe Onions; this Photograph shows the uniformity in Shape and Size of Vaughan's Strain*

GLOBE ONIONS  
ContinuedFANCY YELLOW  
GLOBE DANVERS

Iron Age Tools, New Model Seed Drills and Little Gem Cultivators. See pages 145 and 146.

## Vaughan's Pedigree Onion Seed

## "FANCY" YELLOW GLOBE DANVERS

On the majority of markets in this country the yellow Onion has by far the most sale and for this purpose our Fancy Yellow Globe Danvers Onion supplies the standard of quality. The shape is almost, not quite, globe shaped, and the bulbs are of good size with very thin necks. The color is a dark orange yellow; the flesh is pure white, solid and of good quality. Its keeping qualities are the best; many of our market growing customers, regularly keeping their Onions grown from this Seed into May and June. This strain is so nearly globe shaped, that it passes for a globe, and its earliness, being several weeks earlier than the Southport Onion, usually permit the planter to realize the high early market prices. The crop is uniform and ripens evenly at one time. Our Seed is carefully grown and will please the most critical.

Pkt 5c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 45c, lb \$1.50; by express, 5 lbs \$6.75, 10 lbs \$13.00.

**YELLOW GLOBE DANVERS** This is the ordinary strain of this variety. Season the same as "Fancy Globe Danvers." The Onions do not run as globe shaped as that variety, but are otherwise the same as regards color, ripening and keeping.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c, lb \$1.20; by express, 5 lbs \$5.25, 10 lbs \$10.00.

VAUGHAN'S APPLE-SHAPED RED GLOBE

The ideal Red Globe Onion. A full description and illustration from nature on the back cover page of this book. The bulbs are almost perfectly globe shaped, thin necked of the darkest red color. A thoroughbred variety. A grand red.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70; by express 5 lbs \$7.75, 10 lbs \$15.00.

**EXTRA EARLY AUSTRALIAN BROWN GLOBE** Quick to mature; a long-keeper; solid and heavy; an excellent onion for shipping. The bulbs are perfectly globe shaped. The skin is light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than the American varieties. An average bulb will measure 3 inches in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly on all soils.

**PRICES:**  
Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 40c; lb \$1.35, postpaid, by express, 5 lbs \$6.50, 10 lbs \$11.50.

## Large Sized and Flat Onions

## PRIZETAKER, American Grown

## VAUGHAN'S SELECTED STOCK

The largest and handsomest Yellow Globe Onion. The illustration from nature shows an ideal Onion of the variety. They attain immense size, fifteen inches in circumference being often attained when raised under favorable conditions. To reach this size it is necessary to start them early in hot beds and transplant so they may have a long season to reach their mature size. Grown under ordinary conditions they grow to slightly larger size than the ordinary globe onion.

This Onion is of the same type as the large Spanish Onions imported in quantity and sold in crates. Grown now for many years in this country our seed is thoroughly acclimated and if permitted to thoroughly ripen, keeps quite well, although the poor keeping quality of this Onion is its worst drawback.

This prizetaker is globe shaped; a certain percentage running flatter than the illustration, with a light straw colored skin and thin neck.

Pkt 5c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 40c, lb \$1.35; by express, 5 lbs \$6.00, 10 lbs \$11.50.

**AILSA CRAIG** This is a new exhibition yellow, oval onion. Like Prizetaker, only larger. Should be transplanted to reach best size. See Novelties. Pkt 15c, 2 for 25c, oz 35c.

## MAMMOTH SILVER KING

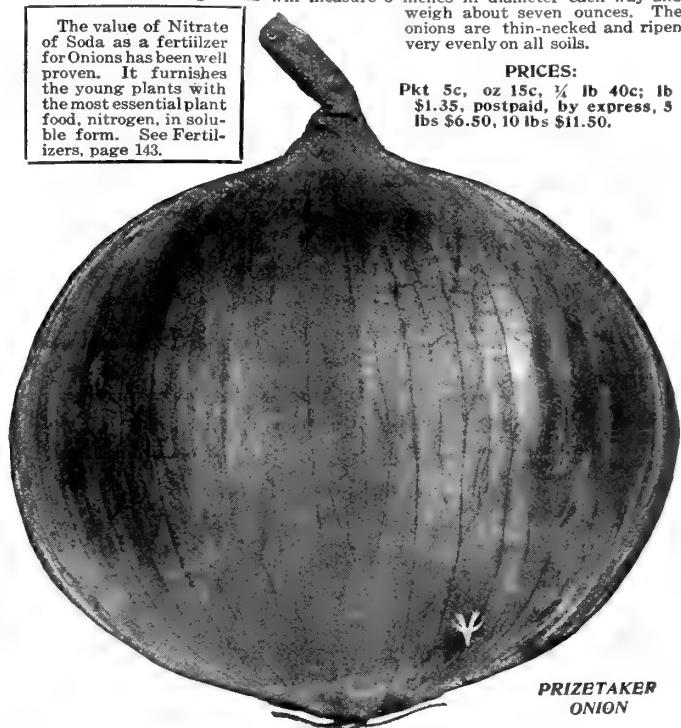
One of the largest varieties in cultivation averaging 15 to 22 inches in circumference and often weighing 2 $\frac{1}{4}$  to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flat but thick. The skin is clear, silver white; flesh snowy and tender of mild sweet flavor. To attain its greatest size should be sown early and transplanted. Its striking size and handsome appearance as well as mild flavor recommend it for exhibition and fancy market or table.

Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 45c, lb \$1.60.

## NEW CRYSTAL WHITE WAX, Teneriffe Seed

This is a pure white, flat onion. In the South, especially Texas, during the last few years it has become so popular that there has not been enough seed to meet the demand. In our trials last summer it showed itself to be a valuable variety also for the North. It grows to a good size very early and is the mildest and sweetest of all Onions. It is the finest slicing Onion for the home garden.

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 30c,  $\frac{1}{4}$  lb 90c, lb \$3.50.



## WHITE BERMUDA, True Teneriffe Grown

These are the large Onions which are grown in Bermuda and in Texas, where a large number of carloads are produced annually and shipped north for early Spring use. In the southern part of the United States, as well as Bermuda, our imported Teneriffe seed gives the best results. In our northern climate the bulbs are much smaller, but mature early, and retain much of the mild sweet flavor of the imported ones.

Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 70c, lb 2.35.

**RED BERMUDA, Teneriffe Seed** Crop failed.

# Vaughan's Pedigree Onion Seed

**FLAT VARIETIES**

## LARGE RED WETHERSFIELD

This is the standard variety of the flat Red Onion. It is especially popular in the west and southwest, where immense crops are grown for market. Large in size; skin deep purplish red; form round, somewhat flattened; flesh purplish mixed with white, moderately fine grained and as mild as most other kinds. Very productive and a fine keeper. It is more inclined to form large necks than the Yellow Danvers on strong soils, but on poor or dry soils it gives better results than other sorts. Our seed is a carefully selected California grown strain and the equal of any on the market today.

Pkt 5c, oz 15c,  $\frac{1}{2}$  lb 40c, lb \$1.45, by express 5 lbs \$6.50, 10 lbs \$12.50.

## VAUGHAN'S NEW OX BLOOD RED WETHERSFIELD

An especially selected strain for dark red color of Red Wethersfield. It is the darkest red Onion in existence, and where the market demands a dark red flat Onion it has no superior. Slightly later maturing than the ordinary Wethersfield, it requires a good long season to mature. Inclined to run a small percentage of thick necks on moist strong soils. One of the very finest varieties for dry and rather poor places.

Pkt 10c, oz 20c,  $\frac{1}{2}$  lb 50c, lb \$1.70; by express 5 lbs \$7.75, 10 lbs \$15.00.

## EXTRA EARLY RED, Eastern Grown

The first red Onion to ripen at the same time one of the handsomest in appearance. Our strain of seed has been bred especially for earliness and uniformity in ripening by an experienced Eastern grower and will be found to ripen at least two weeks earlier than the other strains of this variety. Flat, good red color; medium in size. Pkt 10c, oz 20c,  $\frac{1}{2}$  lb 50c, lb \$1.70; by express 5 lbs \$7.75, 10 lbs \$15.00.

## THE BOLTON The Onion for Sets

An early pale red variety; medium size; shaped like flat Danvers with small tops. Quite similar to the Australian Brown, perhaps a little more uniform in color with a tinge more red—one of the best kinds for sale. Pkt 5c, oz 12c,  $\frac{1}{2}$  lb 35c, lb \$1.10; by express 5 lbs \$4.75, 10 lbs \$9.00.

## BROWN AUSTRALIAN

Extra early and long keeping of medium size. Extra early in season and ripens to the hardest and best keeping of all onions. Raised for large Onions in the warm climates where ordinary varieties do not keep and also in the North for sets which are shipped South. The color of the skin is an amber brown and the flesh is white and mild flavored. Pkt 5c, oz 12c, 2 ozs 25c,  $\frac{1}{4}$  lb 35c, lb \$1.10; by express 5 lbs \$4.75, 10 lbs \$9.00.

## YELLOW DANVERS (Flat)

An early productive, fine keeping, flat, yellow Onion. The Onions are of medium size, skin copper yellow, flesh solid white and mild in flavor. Remarkably free from thick neck and expressly adapted to the growing of yellow bottom Onion sets. Pkt 5c, oz 12c,  $\frac{1}{2}$  lb 35c, lb \$1.10; by express 5 lbs \$4.75, 10 lbs \$9.00.

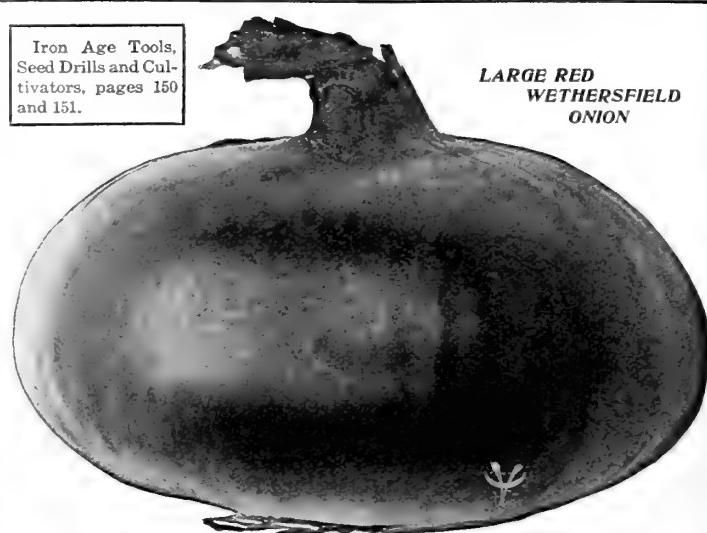
## STRASSBURG, or Large Yellow Dutch

The very best yellow Onion for sets. Flat; flesh white, fine grained and well flavored. Very carefully grown seed. Pkt 5c, oz 12c, 2 ozs 25c,  $\frac{1}{2}$  lb 35c, lb \$1.10; by express, 5 lbs \$4.75, 10 lbs \$9.00.

Onion Set Seed buyers should write us for special prices. Our seed is the best and prices strictly in line.

Iron Age Tools,  
Seed Drills and Cul-  
tivators, pages 150  
and 151.

**LARGE RED  
WETHERSFIELD  
ONION**



## WHITE PORTUGAL or SILVERSKIN

The favorite white Onion. Flat in shape; medium size. Skin clear white, glistening like silver; flavor mild. Used principally for the growing of white onion sets and pickles; but also for early bunching or green onions and large onions for market. It is a good keeper, the best of the white varieties and of value for fall and early winter use as a large onion.

Pkt 10c, oz 20c,  $\frac{1}{2}$  lb 50c, lb \$1.70; by express, 5 lbs \$7.75, 10 lbs \$15.00.

## EARLY YELLOW CRACKER

The earliest of the flat yellow varieties; desirable to raise where seasons are short or for early market. Keeping quality good; excellent flavor. Desirable for sets. Pkt 5c, oz 12c,  $\frac{1}{2}$  lb 35c, lb \$1.10, by express 5 lbs \$4.75, 10 lbs \$9.00.

## EARLY WHITE WELSH ONION

For Green Onions. This kind does not form a bulb but is one of the best kinds for "Green Onion." The plants are perennials. They can be propagated by seeds or divisions. Pkt. 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 ozs 40c,  $\frac{1}{4}$  lb 75c, lb \$2.00.

## WHITE POTATO ONION SEED

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 40c.

## YELLOW MULTIPLIER SEED (Shallot)

Pkt 10c,  $\frac{1}{2}$  oz 15c, oz 25c, 2 oz 40c.

Each year every bag of Onion Seed sold by us is tested for vitality before leaving the store.

**WHITE PORTUGAL**

## ITALIAN ONION SEED

**VAUGHAN'S PICKLING** One of the best white Onions for pickling. Ripens uniformly early, is small, round, hard, crisp and tender. A very handsome sort with an opaque white skin. Not a good keeper. An excellent variety for green onions, pickles or for immediate use when grown for large Onions. Flavor very sweet and mild. Pkt 5c, oz 15c, 2 ozs 25c,  $\frac{1}{2}$  lb 45c; lb \$1.60, by express 5 lbs \$7.25, 10 lbs \$14.00.

**WHITE QUEEN** Remarkable for its earliness and very mild flavor, it is small and white skinned. The general favorite with pickle manufacturers. Pkt 5c, oz 15c, 2 ozs 30c,  $\frac{1}{2}$  lb 45c, lb \$1.60, by express 5 lbs \$7.25, 10 lbs \$14.00.

**WHITE BARLETTA** Has a beautiful waxy-white color, much admired by housewives. Pkt 5c, oz 15c,  $\frac{1}{2}$  lb 45c, lb \$1.60, postpaid; by express 5 lbs \$7.25, 10 lbs \$14.00.

**GIANT ROCCA** A large globe shaped onion. The flesh is very sweet and mild. This variety ripens evenly and does well in both Southern and Northern climates. We offer two colors, brown and yellow. Pkt 5c, oz 15c,  $\frac{1}{2}$  lb 45c, lb \$1.60, postpaid.

## RED and WHITE BERMUDA, Italian Seed

Goes well in Northern States, not so desirable in the South. Either color. Pkt 5c, oz 15c, 2 ozs 25c,  $\frac{1}{4}$  lb 40c, lb \$1.50.

**YELLOW FLAT DANVERS ONION****VAUGHAN'S PICKLING**

## ONION SET PRICES

Are subject to market changes which vary from day to day. Latest values on quantity lots quoted on request.

The vicinity of Chicago is now producing the best quality and one-half the quantity of Onion Sets grown in this country. The market growers who raise these sets have used Vaughan's seeds for thirty years. Our house has the reputation with these growers of paying the highest prices for quality sets, so we have the pick of the best graded stock and

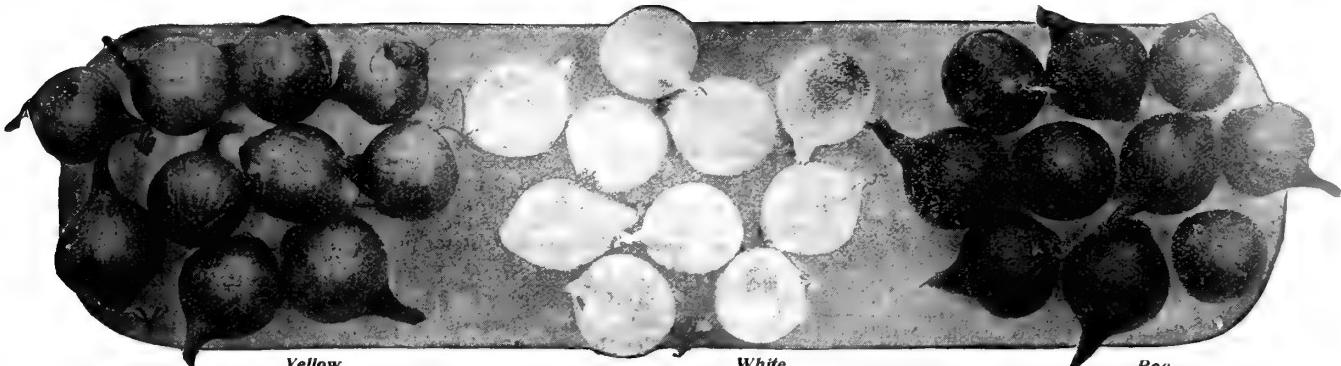
## ONION SETS

## THE ONION SET CROP

Is of fair size this year owing to an increased acreage in all large growing sections. The quality is good. Prices promise to be lower than usual.

finest keeping sets each year. These fancy sets we offer at little or no advance over the market price of ordinary stock.

We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onion by weight, 32 pounds to the bushel; Top Sets, 28 pounds to the bushel.



Yellow

White

Red

## BOTTOM ONION SETS—VAUGHAN'S HAZEL SIZE

## THE VALUE OF ONION SETS

Bottom Onion Sets produce Onion bulbs much earlier than can be done by sowing the seed and allows the planter the early high market prices and permits the sowing of another crop on the land the same year. For green or bunch Onion sets produce a crop in half the time it takes to raise these from seed.

**White Bottoms** — Our sets of these are very choice, small dry and unsprouted. Pint 15c; (by mail 21c); qt 25c, (by mail 37c); by freight or express, 2 qts 45c; ½ peck 65c, peck 75c, bu (32 lbs) \$2.75.

**Yellow Bottoms** — Fine dry sets, medium in size and unsprouted. Pint 15c (by mail 21c), qt 25c (by mail 37c), by freight or express 2 qts 40c, ½ peck 70c, peck 90c, bu (32 lbs) \$2.50.

**Red Bottoms** — Bright, deep red in color, even and dry. Pint 15c (by mail 21c), qt 25c (by mail 37c), by freight or express 2 qt 40c, ½ peck 60c, peck 70c, bu (32 lbs) \$2.50.

## SPECIAL OFFER White, Yellow and Red Bottom Sets

1 pint	1 quart	4 quarts	1 peck	1 bushel
55c	\$1.00			

By mail, postpaid, each..... 40c 70 \$1.75 \$2.50 \$9.00  
By express, buyer's exp., each... 40c 70 \$1.75 \$2.50 \$9.00

## VAUGHAN'S HAZEL SIZE BOTTOM ONION SETS

These extra selected sets measure about  $\frac{1}{8}$  inch in diameter and are as uniform as it is possible to grade them. Price for White, Red or Yellow, 20c per pint, or 30c per quart. Larger quantities at the quart price. Add 6c per pint and 12c per quart if ordered by mail.

## PARSLEY

**Champion Moss Curled** This is a fine prize winning English variety, entirely distinct. It is a very quick, robust sort, making remarkably handsome, compact plants, which have leaves so crumpled and curled as to give them the appearance of tufts of finely curled moss. The color is rich green, making it the very best parsley for garnishing. Its flavor is exceedingly pleasant and aromatic, so that for flavoring sauces, dressings, etc., it is unsurpassed. Very slow to run to seed and quite hardy. May be grown in pots or window boxes. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.



CHAMPION MOSS CURLED PARSLEY

**Double Curled** A very fine dwarf, handsome green, curled variety.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 70c.

**Fern-Leaved** Leaves so nicely and delicately cut as to resemble the frond of a fern. Good green color and nice flavor.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 75c.

**Plain** The leaves are not curled, however, the flavor is excellent and plant is very hardy.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 55c.

**Hamburg Rooted or German Parsley** The root resembles a small parsnip and is the edible part of this sort; extensively used for flavoring soups.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb \$1.00.

**Vaughan's XXX** (See Novelty Pages) This new Parsley has a wonderful dark green color and is exquisitely curled. It is the best flavored Parsley up to the present.

Pkt 10c, 2 pkts 15c, oz 25c,  $\frac{1}{4}$  lb 75c, lb \$2.00.

## PARSNIP

**Vaughan's Marrowfat** A very fine new parsnip. It grows to a good size, is of perfect form and the skin is very smooth. When cooked the flavor is far superior to other varieties. Its handsome appearance makes it much in demand for show purposes.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, lb 85c.

**Improved Guernsey** An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 15c, lb 50c.

**Hollow Crown, Long Smooth** (Abbott's Improved) Smooth, large, tender and sugary; one of the best. Our stock is very fine.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 55c.

**Vaughan's Intermediate** (See Novelty Pages of this book.) Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c.



MAGNUM BONUM PARSNIP

**Magnum Bonum** A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all marketmen as a moneymaker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper.

Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 60c.

## PEAS—CROP CONDITIONS

The seed Pea crop is shorter this year than ever known before. In United States and Canada the early drought dried up the vines. Many entire plantings were lost and altogether perhaps two fold would cover the average yield. In Europe continual rains and poor harvest conditions caused a loss equal to the drought's work here. We have tried to make our prices fair. Purchasers in quantity should order early for there are not enough Peas to fill the demand.

## DWARF PEAS—EARLY NO BUSHING REQUIRED

## NOTT'S EXCELSIOR

Of all the dwarf Peas this is the most popular. Almost as hardy as the early round seeded varieties. Only two or three days later—it far surpasses those sorts in quality. It is a very good yielder, surpassing American Wonder and Little Gem in this respect. Grows 15 inches high, requires no support and bears blunt pods about 3 inches long containing 5 to 7 Peas of good size, tender and of finest quality. The most desirable variety for household use and also much planted for market, because prolific, good quality and easily raised.

Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## SUTTON'S EXCELSIOR

The foremost of a new class of first early dwarf wrinkled Peas. The pods are larger and broader than the usual dwarf peas, are square at the ends and are light green in color. The vines grow eighteen inches high, are very hardy, permitting early planting, and are very heavy bearers. On account of its hardiness and its good sized pods of excellent quality, many prefer it to the large-podded but tender Gradus. Season two days later than Nott's Excelsior. Pkt 10c, pint 25c (by mail 33c), qt 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00.

## PREMIUM GEM

This early dwarf wrinkled Pea grows 16 to 18 inches high; a week later than American Wonder and a better yielder, not so upright in habit as American Wonder, but it requires no brushing. Pods 3 inches long, prolific and fine quality. Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.40, peck \$2.50.

## AMERICAN WONDER

A standard high quality extra early dwarf wrinkled Pea. Height 10 to 12 inches, dwarfer than Nott's Excelsior, very prolific, with fine well filled pods. Matures usually a day or two in advance of Nott's Excelsior and yields almost as well. A home garden variety of the highest class requiring no support in growth. Plant each week for succession.

Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## VAUGHAN'S FORCING, FOR FRAMES

A dwarf wrinkled variety for greenhouse and frame use. Smaller than American Wonder; of very upright habit; a good yielder.

Pkt 10c,  $\frac{1}{2}$  pint 20c (by mail 24c), pint 35c (by mail 43c).

## DWARF PEAS—MAIN CROP

## DWARF TELEPHONE

Medium in season; vine dwarf and a good bearer, yielding pods often equal in size, shape and fullness to those of the tall Telephone with peas equally well flavored. This Pea has a strong tendency to sport and show small pods, thus compelling careful selection. Our stock will give satisfaction and a true strain of this Pea is the most desirable variety of its class. Pkt 10c, pint 25c (by mail 33c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## HEROINE

A main crop late dwarf Pea. Grows 2 $\frac{1}{2}$  feet high, with very sturdy growth and luxuriant foliage. Pods are long pointed, slightly curved and well filled with luscious peas; grows very uniform and true, besides is extremely prolific. Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## SUCCESSION COLLECTION

Dwarf Peas, Sutton's Excelsior, Dwarf Telephone and Heroine.			
No.	Postpaid.	At buyers' expense	No.
1 1 pkt each...25c.....	25c	3 1 qt each...\$1.50.....	\$1.00
2 1 pint each..85c.....	60c	4 $\frac{1}{2}$ peck each.....	\$4.35

## WITHAM WONDER

This is a second early, wonderful cropping dwarf sort. The pods are dark green and so match the foliage that although the vines are laden with pods, the yield looks light. An examination reveals eight, ten and twelve pods on a vine, each pod filled often to bursting. The peas are medium in size and very sweet, thin skinned and quickly cooked. Whoever plants this variety will surely be pleased with it. Pkt 10c,  $\frac{1}{2}$  pint 15c (by mail 19c), pint 25c (by mail 33c), qt 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## MCLEAN'S ADVANCER

Medium early in season. This pea produces under average conditions the largest crop of shelled peas of all the varieties which mature in like time. For this reason it is a great favorite with market gardeners and canners. The vine grows about 2 $\frac{1}{2}$  feet in height and produces medium sized pods packed with peas of excellent quality.

Pkt 10c, pint 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  peck \$1.10, peck \$2.00.

## HORSFORD'S MARKET GARDEN

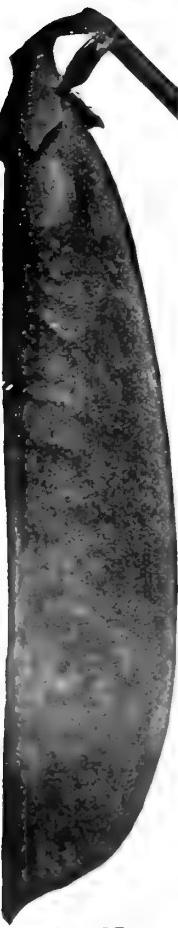
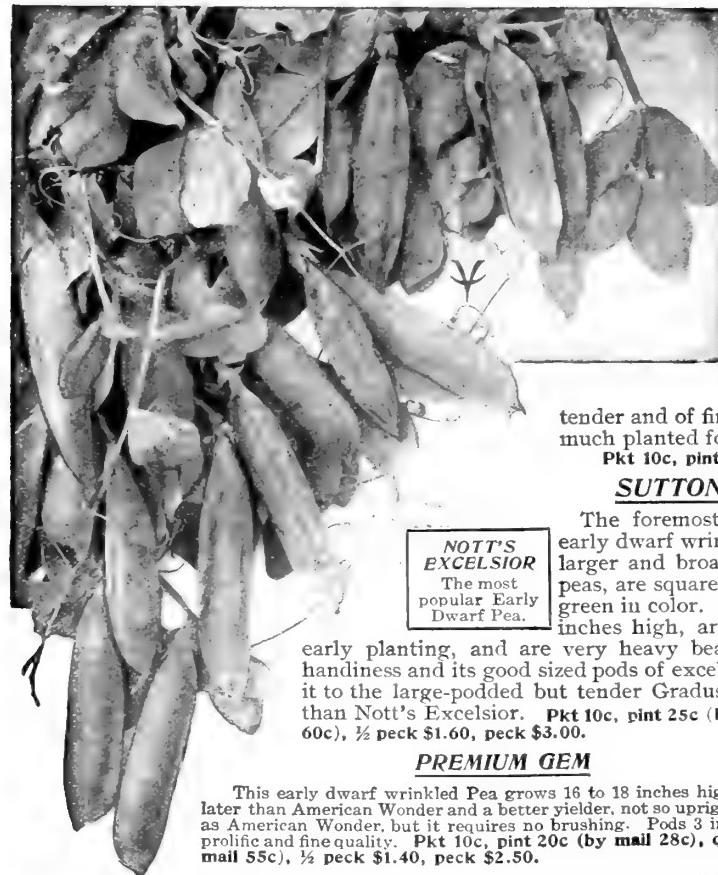
Like McLean's Advancer, very popular on account of its immense yields under favorable conditions. Later than Advancer; it grows taller, requiring no brushing and is a slightly heavier bearer. Pod medium in size and jammed full of peas. The vines grow remarkably uniform and the peas mature uniformly. Pkt 10c, pint 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  peck \$1.10, peck \$2.00.

## JUNO

A main crop dwarf wrinkled Pea. The pods are long, straight and well filled with 7 to 9 large peas of the highest quality. A vigorous, hardy and prolific variety. Quite similar to the Dwarf Champion variety listed by some seedmen. Pkt 10c, pint 25c (by mail 33c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

## PRIDE OF THE MARKET

A large podded late dwarf smooth seeded Pea. Crop almost a failure. Pkt 15c, pint 30c (by mail 38c), qt 50c (by mail 65c),  $\frac{1}{2}$  peck \$1.85.



DWARF  
TELEPHONE PEA

**IMPROVED STRATAGEM - Main Crop Dwarf Pea**

By many considered the highest quality of all Peas. A dwarf medium season wrinkled Pea. Vine grows two feet in height. Requires no support. The pods are long, dark green in color and packed with immense Peas of delicious sweetness. We have a strain which is true to type. Fine for house and market.

Pkt 10c, pint 25c (by mail 33c), qt 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00

**NORTHERN GROWN**

**EXTRA EARLY PEAS**

**MEDIUM HEIGHT**

**Vaughan's SELECTED EXTRA EARLY****Maud S.**

An extra early strain of the early white seeded round smooth Pea. The essential points of the extra early pea are earliness, evenness in ripening (so one picking will gather the crop) and uniformity of type. Our strain combines all these features. There is no better. Pods 2½ to 3 inches long, 5 to 7 peas in a pod, vine 20 to 26 inches high.

Pkt 10c, pint 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  peck \$1.20, peck \$2.25.

**ALASKA—Also called EARLIEST OF ALL**

Similar to the extra early pea described above. Alike in season, the difference being that its seeds are bluish instead of cream in color. The round seeded peas do not rot in cold soil as easily as do the wrinkled sorts, thus permitting early planting. We have one of the few true strains now on the market.

Pkt 10c, pint 20c (by mail 28c), qt 30c (by mail 45c),  $\frac{1}{2}$  peck \$1.10, peck \$2.00.

**FIRST AND BEST**

A slightly later and more productive strain of the white seeded extra early pea than Maud S. Sold also as Philadelphia Extra Early, Rural New Yorker, Daniel O'Rourke, Best Extra Early, etc., etc. Pkt 10c, pint 15c (by mail 23c), qt 30c (by mail 45c),  $\frac{1}{2}$  peck \$1.10, peck \$2.00.

**VELOCITY**

The earliest of all peas at the present time. Similar to Alaska—only with smaller vines and pods; seed round, smooth and bluish color; quality fair. Season almost a week earlier than Alaska. Pkt 15c, pint 30c (by mail 38c), qt 50c (by mail 65c).



SURPRISE PEA

**SURPRISE**

The earliest of all the sweet wrinkled Peas. Within a couple of days in season of Alaska. It has the excellent sweet quality of the wrinkled sorts like Nott's Excelsior. It is not so hardy as Alaska, however, and cannot be planted in such cold soil. Vine grows 24 inches and needs no support. Pods good sized, borne in good numbers and well filled.

Pkt 10c, pint 20c (by mail 28c), qt 35c (by mail 50c),  $\frac{1}{2}$  peck \$1.35, peck \$2.50.

**ALL SORTS DO BEST WHEN BRUSHED****GRADUS**

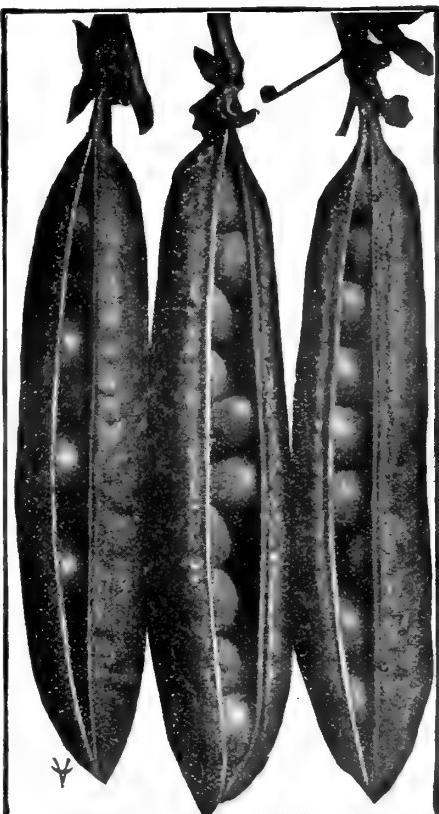
The most popular high quality, extra early wrinkled Pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small, round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A little tender, so it should be sown in the warmest spot in the garden. A grand pea in all respects.

Pkt 15c, pint 30c (by mail 38c), qt 50c (by mail 65c),  $\frac{1}{2}$  peck \$1.75, peck \$3.25.

**THOMAS LAXTON**

A first early large podded wrinkled Pea and the only rival of its famous parent, Gradus. In season a few days later than Alaska, compared to Gradus, it has a blunt pod, while those of the Gradus taper and appear larger. The pods, however, contain a larger number of peas than Gradus and of equal quality. May be grown either with or without support. Vine 3 to 3½ feet; pods contain 6 to 8 peas. An ideal variety for the home garden.

Pkt 15c, pint 30c (by mail 38c) qt 50c (by mail 65c),  $\frac{1}{2}$  peck \$1.75, peck \$3.50.

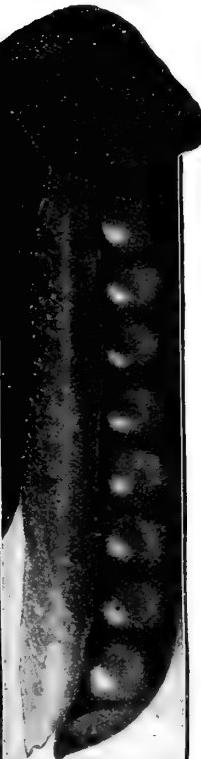


GRADUS OR PROSPERITY



ALASKA or EARLIEST OF ALL

This is the Standard Pea for market and canning.



Improved Stratagem



TELEPHONE PEAS

TELEPHONE TYPES

The Telephone is without a doubt the most popular of all the garden Peas. It has not acquired this public favor without merit. Medium early in season, bears a long time; the pods are always of good size, well filled and the quality is of the very best. Does best when brushed, although will produce a crop without.

**Telephone** The old type is not quite so uniform as some of the improved varieties and has light colored pods instead of dark green.

Pkt 10c, pint 20c, (by mail 28c), quart 40c, (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

**Vaughan's Improved Telephone** See top of page.

**Prince Edward** A strain especially selected for large pods. The largest podded of all of this type. Not so heavy a yielder as Vaughan's Improved Telephone. Fine for exhibition.

Pkt 10c, pint 25c (by mail 33c), quart 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00;

**Alderman** An English Selection of Improved Telephone. Very uniform. Pods a shade darker than Vaughan's Telephone.

Pkt 10c, pint 25 (by mail 33c), quart 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00.

**Vaughan's Exhibition** Slightly later than the ordinary Telephone type. The pods are of immense size, the largest of all peas. For exhibition purposes it has no superior. Should be brushed or poled for best results. Height of vine  $4\frac{1}{2}$  feet. The peas are very large, sweet and sugary. Quite prolific.

Pkt 20c, pint 60c (by mail 68c), quart \$1.00 (by mail \$1.15).

# TALL GROWING PEAS

VAUGHAN'S IMPROVED TELEPHONE

The best main crop tall Pea without exception. The pods are of immense size, a fine dark green color, much more desirable than the light green of the ordinary Telephone and the peas are tender and deliciously sweet. The vines grow four feet high do better if brushed, although can be grown without support and are very vigorous and prolific. The finest and most desirable of all peas for the home garden and market growing. See further descriptions on this page for other Telephone types of peas. Pkt 10c, pt 25c (by mail 33c), qt 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00.

CHAMPION OF ENGLAND

The best late season tall Pea. Although one of the oldest varieties of peas we have not yet found one to surpass it in quality. There is no sweeter Pea than the Champion of England. The vines grow about 5 feet high, are very vigorous and produce a heavy crop of good sized pods filled from end to end with luscious peas. Pkt 10, pint 20c (by mail 28c), qt 40c (by mail 55c)  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

	Succession Collection Tall Peas	Postpaid, by mail	By express at buyer's expense
<i>Gradus</i> .....	No. 7, 1 pt., each .....	\$0.25	\$0.25
	(No. 8, 1 pint, each .....	.90	.65
<i>Improved Telephone</i> .....	No. 9, 1 quart, each.....	1.65	1.20
<i>Champion of England</i> .....	No. 10, $\frac{1}{2}$ peck, each.....	4.50	4.50

VAUGHAN'S SWEET MARKET

An excellent main crop Pea. Its season follows right after the Extra Earlies and continues to bear much longer than most varieties. Very prolific and of fine quality. Height  $2\frac{1}{2}$  feet, strong, vigorous vines, many bearing as high as fifty pods. Pods  $3\frac{1}{2}$  inches long filled with 7 to 9 peas. Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.50, peck \$2.75.

LONG ISLAND MAMMOTH

Also called Telegraph. Regarded as a smooth seeded strain of Telephone. A little later; pods not so large nor quality of its large pea as good. The vine is hardier than Telephone, however. Seeds nearly smooth. Pkt 10c, pint 25c (by mail 33c), qt 45c (by mail 60c),  $\frac{1}{2}$  peck \$1.60, peck \$3.00.

EVERBEARING

A medium height, very prolific variety. Pods about 3 inches in length, large peas of good quality. Good for late Summer and Autumn use. Pkt 10c, pint 20c (by mail 28c), qt 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.30, peck \$2.50.

**Yorkshire Hero** An old standard variety. Medium tall in length of vines it produces a fine crop of broad, well filled pods. The peas are wrinkled, sweet and large and remain in good condition for eating a long time. Especially popular on the Pacific Coast.

Pkt 10c, pint 20c (by mail 28c), quart 40c (by mail 55c),  $\frac{1}{2}$  peck \$1.30, peck \$2.50.

**Black Eye Marrowfat (Late)** A great yielder of ordinary quality peas.

Pkt 10c, pint 15c (by mail 23c), quart 25c (by mail 40c),  $\frac{1}{2}$  peck 80c, peck \$1.50.

**White Marrowfat** Similar to Black Eye. Popular because of its heavy yield.

Pkt 10c, pint 15c (by mail 23c), quart 25c (by mail 40c),  $\frac{1}{2}$  peck 80c, peck \$1.50.

EDIBLE PODDED PEAS

**Dwarf Gray Sugar** Height 15 to 18 inches. Blossoms purple. Large pods which are eaten like string beans.

Pkt 15c, pint 35c (by mail 43c), quart 60c (by mail 75c).

**Tall Gray Sugar** Tall growing strain of the above. Price the same as Dwarf Gray Sugar.

**Mammoth Melting Sugar** A late large sugar podded Pea. Vine 4 to 5 feet. Quality the best of Sugar Peas. Pods 5 and 6 inches long, thick and fleshy. Cooked as string beans, they are a delightful dish. Crop a failure.

Pkt 15c, pint 35c (by mail 43c), quart 60c (by mail 75c).

**Vaughan's "Specials"** in Beans are grown by us on our Michigan farms. There are none better. See pages 3 and 4.

CHAMPION OF ENGLAND  
The best main crop tall-growing pea

MELTING SUGAR PEA

**SWEET MOUNTAIN**

**RUBY KING** One of the most popular varieties; growing 4½ to 6 inches long by 3½ to 4 inches thick. Peppers are a bright ruby red and make one of the best sorts for stuffed pickles. Quite sharp in flavor; the meat is thick, crisp and tender.

Pkt 5c, ½ oz 15c, oz 25c, ¼ lb 60c, lb \$2.10.

**MAMMOTH GOLDEN QUEEN** A yellow pepper is well liked by many people; this is considered the best of the yellow sorts. Large, sweet and mild and productive.

Pkt 10c, 2 for 15c, oz 25c.

**GOLDEN DAWN** Yellow in color; sweet, mild and handsome.

Pkt 5c, ½ oz 15c, oz 25c, ¼ lb 60c, lb \$2.10.

**CELESTIAL or CHRISTMAS PEPPER** Small conical fruits. This sort is used as an ornamental plant during the Christmas season. Cream color changing to red.

Pkt 10c, oz 25c, ¼ lb 75c, lb \$2.50.

**FANCY WRINKLED** Quite distinct and ornamental; fine colors, pungent flavor. Used in pickles. Pkt 10c, oz 30c.

## PEPPER

### NEW NEAPOLITAN, UPRIGHT MAGNUM DULCE Read Novelty Pages

**NEW SWEET UPRIGHT SALAD** For use in the Northern states it is the best garden variety to date. Early and so mild in flavor that even the seed may be eaten raw. The fruits are of medium size, just right for stuffing and frying. In habit the bushes are of medium height and bear the Peppers upright instead of drooping making gathering very easy. The color of the Pepper is a bright shiny green which turns to a waxen red when ripe. Early, prolific, sweet and mild, fine size, making it all together an unsurpassed sort.

Pkt 10c, ½ oz 25c, oz 40c, ¼ lb \$1.40.

**SWEET MOUNTAIN** A strong growing variety and very productive. The fruits when young are a bright deep green color without any shade of purple; when ripe they are the most handsome red. The flesh is thick and mild; though sharper than Upright Sweet Salad. The Peppers often grow 6 inches long by 4 inches through. Our seed has been very carefully selected.

Pkt 10c, ½ oz 15c, oz 25c, ¼ lb 60c, lb \$2.10.

**CHINESE GIANT** Double the size of Ruby King; not so large as Magnum Dulce. This is the standard large Sweet Pepper. It is quite early to ripen and very productive for so large a variety. Productiveness may be increased by pinching the first or "King" blossoms which appear. They grow 4 or 5 inches broad at the top, and are of equal length. Quite uniform in size. The flesh is mild and unusually thick and makes an excellent salad sliced and served like Tomatoes. Color green changing to a glossy scarlet when ripe.

Pkt 10c, ½ oz 15c, ½ oz 25c, oz 40c, ¼ lb \$1.15, lb \$4.00.

**NEOPOLITAN** A great market variety on account of its earliness and productiveness. Two weeks earlier than Bull Nose. The fruits are of good size, growing on a vigorous stalky plant. The flesh is quite thick and mild. Color a light green changing to a bright red when ripe.

Pkt 10c, 2 for 15c, oz 25c, ¼ lb 70c, lb \$2.50.

**OTHER VARIETIES**

Pkt.	oz.	oz.	lb.	
Cayenne—Long red; very hot.....	5c	15c	25c	75c

**Cayenne Pickling**—Dwarf; habit upright ..... 10c 15c 25c

**Cherry**—Prolific; fruit small and round; good for pickling ..... 10c 15c 25c 75c

**Elephant's Trunk**—Long, mild; bright scarlet color ..... 5c 15c 30c

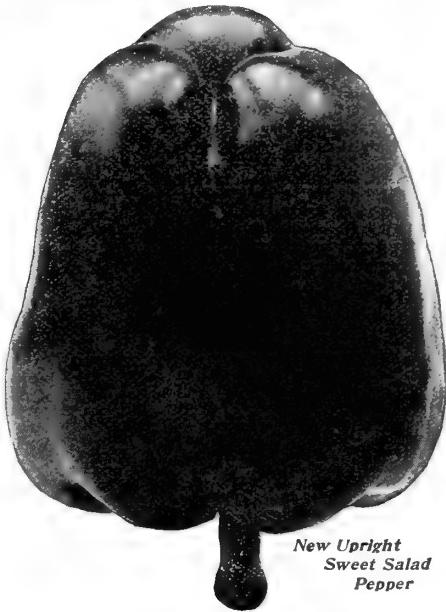
**Red Chili**—Good hot pickling ..... 5c 15c 25c

**Red Cluster**—Small and pungent ..... 5c 15c 25c

**Sweet Spanish Monstrous**—Large fruit, mild and sweet ..... 5c 15c 25c 60c

**Tobasco**—Hottest of all ..... 10c

At the Monmouth, N. J., district Fair, Sept. 8th, 1909, in a large exhibition of Peppers, including Ruby King, Chinese Giant, Upright Salad, Bull Nose and others, Vaughan's Magnum Dulce received the first prize for both green and red peppers, as well as two 2d prizes and a special prize.



New Upright  
Sweet Salad  
Pepper

## VAUGHAN'S EARLY POTATOES

### RED RIVER VALLEY GROWN

Vaughan's Selected Seed Potatoes are the standard among farmers.

Our Triumphs and Ohiros are raised in the Red River Valley of the North. That locality is ideal for producing the smoothest, most vigorous and earliest Seed Potato known (not excepting the Maine region).

Our potatoes are the pick of this region, grown by men of long experience; they are carefully sorted for size and smoothness before leaving growing point. All prongy, small and scabby stock is thrown out.

Stored under perfect conditions; all stock is again resorted in the Spring before shipment.

For fifteen years our Seed Potatoes have given almost universal satisfaction and each year our old customers order from us again to renew their seed.

In nearly all sections the early potato crop on account of the summer drought was short, and especially so in the Red River country. Seed of early varieties is scarce and will be in demand. We advise ordering early.

### VAUGHAN'S WHITE OHIO

The standard early white Potato. First introduced many years ago by VAUGHAN'S SEED STORE. There is today nothing equal to it in an early White Potato. It originated as a sport in a field of Early OHIOS and is in most respects similar to that variety. Yield, perhaps, not quite so heavy but is far superior in quality and commands so much of a premium on the market over the Early Ohio that the slightly lesser yield is more than made up in the added price. This variety is planted by the car load in the South and West.

By express or freight, ½ peck 35c, peck 60c, ½ bu \$1.00, bu \$1.90, bbl \$5.35.



VAUGHAN'S WHITE OHIO

IMPROVED EARLY OHIO

### IMPROVED EARLY OHIO

For many years we have grown our Early Ohios in the famous Red River Valley of the North.

We were the first Seedsmen to start growing potatoes in that locality and our stock has done much to earn that valley its enviable reputation. It is a curious fact that no matter how well seed is selected in the middle states, such stock grown side by side with Seed from the Red River country and the far North will prove inferior in yield and earliness. For this reason nearly all the large early potato growing sections in the middle west and south import their seed stock, using Red River Valley or Maine grown seed.

Vaughan's Improved Early Ohio Seed (Red River Valley grown) is the earliest heavy yielding potato on the market today. The Ohio is the most popular Seed Potato at the present time and more stock is sold of this variety than any three other sorts combined.

All things considered, it is the most desirable early potato to plant for both market and home use. On both heavy and light soils it far outyields other early sorts and produces a more uniform lot of tubers.

By express or freight, ½ peck 35c, peck 60c, ½ bu \$1.00, bu \$1.90, bbl \$5.00.



WOODBURY'S WHITE ROSE

**ACME**

A Potato of the Ohio type, in fact very similar to that variety as it is now grown in the Northwest. Usually runs earlier than the old type of Early Ohio and is more prolific. First class for both market and amateur gardeners.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 60c,  $\frac{1}{2}$  bu \$1.00, bu \$1.90, bbl \$5.00.

**NOROTON BEAUTY OR QUICK LUNCH**

This is a very early, white, round Potato with eyes of medium depth. It may be regarded as the earliest commercial sort up to date. Quality is quite good. It is not a heavy yielder and will run usually about two-thirds the number of bushels per acre that the Early Ohio produces on the same ground. For ordinary purposes it is very hard to distinguish this variety from White Bliss Triumph although perhaps it is a slightly better yielder. Our stock is grown from that of the originator and has been very carefully selected.

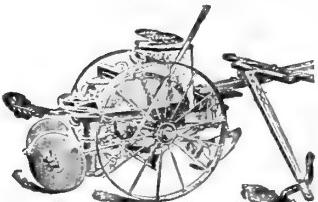
By freight or exp.,  $\frac{1}{2}$  peck 35c, peck 65c,  $\frac{1}{2}$  bu \$1.10, bu \$2.00, bbl \$5.25.

**BLISS OR RED TRIUMPH** For more than a decade this has been the standard early Potato in the South. It is a round reddish skinned Potato; rather deep eyes and of medium size. As they appear early in the Spring on the Northern market they are very attractive and of course command a large premium over the old stock. Seed is scarce this year.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 65c,  $\frac{1}{2}$  bu \$1.10, bu \$2.00, bbl \$5.25.

**WHITE TRIUMPH** Identical w-h Bliss type, except in color. A popular sort for Southern use and is planted along with Red Triumph for shipment to early Northern markets.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 65c,  $\frac{1}{2}$  bu \$1.10, bu \$2.00, \$5.25.

**IRON AGE POTATO MACHINERY**

We take pleasure in recommending to our customers the "Iron Age" Potato tools as we know they will give unqualified satisfaction. We can supply the Planter, Sprayer and Digger, and as our space here is too limited to give detailed description, we will mail illustrated catalogue on application which will give full details.

Iron Age Potato Planter No. 1 or 3, \$80.00, with Fertilizer Distributer.  
Iron Age Potato Planter No. 2 or 4, \$70.00, without Fertilizer Distributer.  
Iron Age Potato Digger No. 120.....\$90.00



VAUGHAN'S  
Northern Grown

**EARLY POTATOES****WOODBURY'S WHITE ROSE**

The heavy cropping, second early white Potato. This is a seedling of the Early Rose and takes its earliness from its parent. In prolificness it will compare very favorably with any of the late sorts like Rural New Yorker or Carman No. 3. We have been offering this now for four years and its growing popularity proves it to have been what we claim for it—the most profitable Potato to grow for market use of any variety now on the market. Coming in only a few days after Ohio, it commands a premium over that variety because of its white color and handsome appearance and at the same time it out yields the Ohio almost two to one.

The vine is remarkably vigorous and a good blight resister. The tubers are of a more desirable shape than Early Rose, not so long; skin pure white and eyes are shallow, so there is no loss in peeling. The quality is superior and better than any other early varieties.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 55c,  $\frac{1}{2}$  bu 95c, bu \$1.80, bbl \$4.75.

**EXTRA EARLY BOVEE** An extra early variety; color white, with pinkish skin. A very handsome sort; quality excellent; a heavy yielder.  $\frac{1}{2}$  Peck 35c, peck 60c, bu \$2.00, bbl \$4.00.

**IRISH COBBLER**

A variety which in recent years has attained immense popularity. In many soils it is as early or within a few days as early as Early Ohio and the yield is much superior. Added to this last, the potato is chunky, white in color, and of large medium size, making it the most attractive variety by far on the early Market. This year when Ohios were bringing 60 cents on the Chicago market, Cobblers sold for a Dollar. Customers should order this variety early as for the last three years our supply has been exhausted very early in the season.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 65c,  $\frac{1}{2}$  bu \$1.10, bu \$2.00, bbl \$5.00.

**POTATOES****Main Crop****NEBRASKA NEW LATE WHITE**

The heaviest cropping main crop flat white Potato. One of the best varieties of late Potato ever introduced. The vines are very broad and produce an immense growth of luxuriant foliage. The tubers are flat, somewhat flatter than Carman or Rural type; size larger and quality superb. From all who have tried this variety, experienced growers and experiment stations we have had the most flattering reports. Three and four hundred bushels per acre yields are not uncommon. In Michigan, Northern and Central Colorado, Illinois, and Nebraska for a series of years the Nebraska has out yielded such kinds as Carman, Sir Walter Raleigh and Rural New Yorker, Beauty of Hebron, etc. For growing for market there is no more profitable sort, for its appearance is ideal and in the home garden its high quality meets the demands of the most critical.

By freight or express,  $\frac{1}{2}$  peck 35c, peck 65c,  $\frac{1}{2}$  bu \$1.00, bu \$1.90, bbl \$5.00.

**GREEN MOUNTAIN** A main crop, large, handsome potato. In shape it is oval, white in color, and one of the finest eating of all potatoes; Season is medium late. Prolific yielder.  $\frac{1}{2}$  pk 35c, pk 60c, bu \$2.00, bbl \$4.00.

**POTATOES**

MAIN CROP

GROWN IN THE FAR NORTH ESPECIALLY  
FOR VAUGHAN'S SEED STORE - TRUE STOCK**VERMONT GOLD COIN**

On loose soils, especially muck land, this new sort has proven a desirable potato. In clay or heavy situations its deep setting habit of growth is detrimental and the crop is inclined to run undersized.

The tubers are white with a slight streak of pink; size is large, slightly irregular and in loose soils run uniformly large size. The vines are vigorous and strong while the roots set deep into the ground. In quality the Gold Coin is the equal of any and it bakes mealy and dry.

By freight or express,  $\frac{1}{2}$  pk 35c, pk 45c,  $\frac{1}{2}$  bu 95c, bu \$1.80, bbl \$4.75.



CARMAN No. 3

**SWEET POTATOES**

GROWN ESPECIALLY FOR SEED

We are prepared to furnish in quantity the best Sweet Potatoes that can be had for seed purposes being especially grown and selected for this purpose. We inspect carefully before shipment and forward nothing but sound Potatoes.

	$\frac{1}{4}$ Bu.	Bu. boxed	Bbl.
Yellow Jersey.....	$\frac{1}{4}$ Bu.		
Yellow Nansemond .....	\$0 75	\$2 00	\$5 00
Early Carolina.....			
Red Jersey.....			
Red Nansemond .....	1 00	3 00	6 00
Red Bermuda.....			

Sweet Potato Culture by James Fitz, postpaid for 50c.

**SPECIAL POTATO FERTILIZER**

This must be quick, lasting and promote healthy, firm growth of tubers. Vaughan's Fruit and Root Crop Manure will do this. See Fertilizer Page 143.



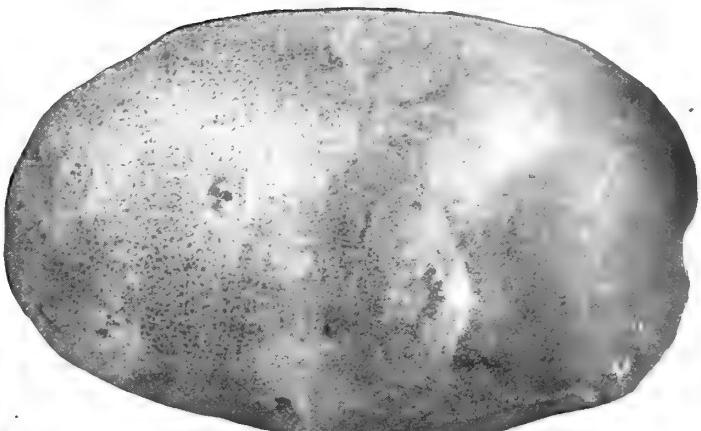
VAUGHAN'S SUGAR PIE PUMPKIN

One of the very best of all Pumpkins for pies. The fruit is small to medium in size; flesh solid and fine grained; sweet and sugary. The seed cavity is small. A splendid keeper.

Pkt 5c, oz 10c, 2 oz 15c,  $\frac{1}{4}$  lb 25c, lb 85c.

**CALHOUN** Medium in size, solid and of excellent quality. Skin of cream color; flesh salmon yellow. A fine pie variety.

Pkt 5c, oz 10c, 2 oz 15c,  $\frac{1}{4}$  lb 25c, lb 85c.



VERMONT GOLD COIN

**RURAL TYPES**

**CARMAN No. 3** One of the most popular of the Carman group of potatoes. A white, flat variety which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties do almost nothing. This characteristic applies also to Rural New Yorker and Sir Walter Raleigh. Carman No. 3 grows to the largest size of these sorts. Our seed has been very carefully selected and given the best soil for a number of years.

By freight or express,  $\frac{1}{2}$  pk 25c, pk 45c,  $\frac{1}{2}$  bu 85c, bu \$1.60, bbl \$4.25.

**SIR WALTER RALEIGH** An A1 late potato. A seedling of Mr. Carman's, whose work on potatoes has become famous. This is an improved Rural New Yorker No. 2. Yields almost all marketable sized potatoes, which are a little earlier and of better quality than Rural. (Read our description of Rural.) Exceedingly fine grained and white fleshed, equaling the old Snowflake quality.

By freight or express,  $\frac{1}{2}$  pk 25c, pk 45c,  $\frac{1}{2}$  bu 85c, bu \$1.60, bbl \$4.25.

**RURAL NEW YORKER No. 2** The standard white market potato. It is very large, usually smooth, oblong, inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural.

By freight or express,  $\frac{1}{2}$  pk 25c, pk 45c,  $\frac{1}{2}$  bu 80c, bu \$1.55, bbl \$4.00.

**PUMPKIN**

Plant one ounce to 25 hills, 4 pounds to the acre alone, or 2 pounds with corn. Valuable for stock feeding as well as for the table.

**MAMMOTH or LARGE SWEET**

This pumpkin is one of the largest, if not the largest, of all varieties. For a series of years it has won first prize at the Illinois State Fair right in the pumpkin growing center of the country. The vines are productive and usually yield several large fruits per vine. Single specimens often reach a hundred pounds in weight and the average is around thirty to forty. The largest fruits are almost always warty. The skin is light yellow in color; flesh a deep orange and sweet. Fine for both pies and stock feeding.

Pkt 10c, oz 15c, 2 oz 25c,  $\frac{1}{4}$  lb 45c, lb \$1.50.

**WINTER QUEEN or WINTER LUXURY**

Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best Winter keeper of all. In size about nine or ten inches in diameter; its skin is a beautiful deep orange yellow with a very close netting almost as russeted as a potato.

Pkt 5c, oz 10c, 2 oz 15c,  $\frac{1}{4}$  lb 25c, lb 85c.

**LARGE FIELD or "BIG TOM"** The standard pumpkin grown in corn fields to make a feeding crop for cattle. The vines are strong, vigorous and wonderfully prolific. Fruits average fifteen to twenty inches in diameter. Smooth, hard, reddish orange skin with rich orange yellow flesh. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 15c, lb 40c; by express, lb 30c, 10 lbs or more at 25c per lb.

**LARGE CHEESE** Of large size, shape flat like a cheese box, very productive. Keeping quality excellent and extra well flavored and sweet. A good sort for pies as well as stock feeding. Skin buff color; flesh yellow.

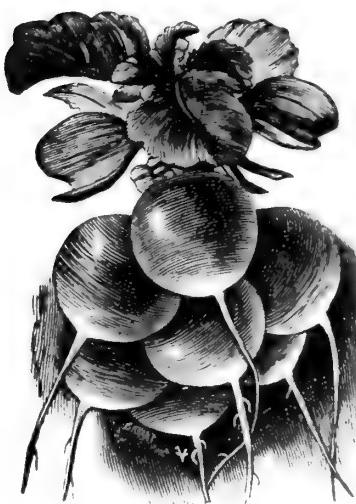
Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 20c, lb 70c.

**MAMMOTH PRIZE** A really enormous variety; as large as 200 lbs. Notwithstanding its immense size it is one of the best pie pumpkins. Flesh fine grained, sweet and tender. Requires a late crop corn season to mature and should be given plenty of room; (one plant to a hill) to reach its largest size.

Pkt 10c, oz 20c, 2 oz 35c,  $\frac{1}{4}$  lb 50c, lb \$1.80.

**OTHER GOOD SORTS**

Small Sugar	Flat sort, good for the home garden.....	Pkt. oz $\frac{1}{4}$ lb lb
Japanese Pie	Finest quality, good keeper.....	5 10 25 90
Golden Oblong	Orange color. Flesh yellow, excellent flavor.....	5 10 25 80
Sweet Potato	Bell shaped. White flesh. Used for pies.....	5 10 25 90
Large Tours or Mammoth French	Very large size.....	5 10 25 90
Quaker Pie	Pear shaped. Rich flavor and good keeper.....	5 10 25 90



VAUGHAN'S EARLY SCARLET GLOBE.  
White Tip.



VAUGHAN'S EARLIEST CARMINE  
TURNIP.



IMPROVED BREAKFAST RADISH.  
Fine radish for the home garden and market

# VAUGHAN'S RADISH.

## EXTRA EARLY TURNIP VARIETIES.

These extra early turnip radishes grow best in a loose, rich soil. They must mature quickly, so should have plenty of water. Pull them before they reach full size as they become pithy and soft. Make frequent plantings (week or ten days apart), so a succession of crops may be had. Sow 1 oz. to 100 feet.

### SCARLET TURNIP WHITE TIP.—Vaughan's Selected Stock.

For outdoor planting this is the most popular radish. The radish is bright scarlet with a white tip. The root is very slender. We sell many thousands of pounds of this radish to critical market gardeners and our stock is the very best. Our seed is most carefully grown from transplanted roots and is just right in color, size and shape. The white on tip is not quite so much as our Sparkler strain, but is sharply defined.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs., \$2.00.

#### Vaughan's Sparkler Strain of Scarlet Turnip White Tip.

$\frac{1}{2}$  white tip—Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

#### Vaughan's Earliest Scarlet Globe White Tip.

The earliest of white tip sorts. An extremely quick growing sort. With white tip, short top and thin tail. (Of excellent quality.) Pkt., 5c., oz., 10c, 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Vaughan's Earliest Carmine Turnip.** The best and quickest early, all scarlet turnip radish, of wonderfully quick growth, maturing in about three weeks. The leaves are very short, rendering them particularly adapted to forcing under glass; of superior flavor, crisp and tender. Skin deep carmine red, very attractive. One of the best outdoor kinds for the home garden. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Radish, "Crimson Giant."** This radish is an entirely new type and differs radically from all varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other forcing varieties, without getting pithy or hollow. It is very early notwithstanding its size. Color crimson, flesh pure white, of the best quality. Fine for outdoors and forcing. The seed should be sown very thinly to permit full development of the roots. Pkt., 10; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Earliest White Turnip. Short Top.** (White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short; flavor excellent. Fine for forcing and open ground. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Triumph.** (Speckled Beauty.) This is a unique and useful sort. The skin is handsomely striped and mottled, scarlet and white, making it very attractive. Very early with short top and good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**All Seasons.** In a class by itself. This radish can be sown from Spring until Autumn. The root is round, of brilliant scarlet color; grows to good size and keeps solid longer than any other early round sort. The best all-purpose radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

## Extra Early Olive-Shaped Radishes.

**VAUGHAN'S "20-DAY" RADISH.** The quickest of all Red Radishes. Quick growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or outdoor culture. The flesh is pure white, crisp and of very pleasant flavor; the skin a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. Pkt., 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**IMPROVED BREAKFAST.** Its color is very deep, glossy crimson. The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early radishes for family use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**EARLIEST WHITE.** This is not only the earliest White Radish, but the earliest of any color; good sized radishes having been pulled in from 15 to 18 days after sowing. The radishes are pure white, oblong and tender. The tops are small, which means a good forcing and admits of close planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

### ANY OF THE FOLLOWING, PKT. 5c; OZ., 10c.

**OLIVE SHAPED DEEP SCARLET.** Similar to Vaughan's 20-day..... \$0.15 \$0.55

**OLIVE YELLOW MAY.** A new sort of fine quality .20 .60

**FRENCH BREAKFAST.** Quick and handsome..... .15 .55

**MIXTURE.** Of turnip and olive shaped varieties ..... .20 .55

Vaughan's Early Scarlet Globe and Cardinal Forcing. See Novelty page.



SCARLET TURNIP WHITE TIP.

ANY OF THE FOLLOWING, PKT., 5c,  
Except Where Noted.

Oz.  $\frac{1}{4}$  lb. Lb.

#### VAUGHAN'S SCARLET GLOBE SELECTED STOCK.

(See novelty pages.) The standard forcing radish..... \$0.10 \$0.25 \$0.90

**SCARLET GLOBE.** (Ordinary stock.) ..... .10 .20 .60

#### VAUGHAN'S CARDINAL FORCING.

(See Novelty pages.) The best forcing radish..... Pkt., 10; .15 .35 1.00

**NE PLUS ULTRA.** Rich scarlet, turnip shaped, good forcing..... Pkt., 5c; .10 .25 .75

**EARLY DEEP SCARLET TURNIP.** An old standby .10 .20 .60

**YELLOW TURNIP.** (A summer variety.) ..... .10 .20 .60

**GOLDEN YELLOW SUMMER TURNIP.** Smooth and fine skin .10 .20 .60



VAUGHAN'S 20-DAY RADISH.  
The Quickest of All Red Radishes.



ICICLE RADISH.

# RADISHES.

**ICICLE. The Finest Eating, White Radish.**

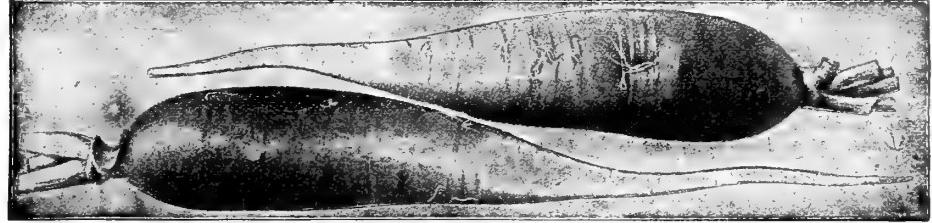
Please Remember. Our Radish seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown in that way than if no selection is made.

The best eating radish, and the best white variety. This sort has long, slender, pure white roots, which remain mild and crisp until they grow of large size. Many of our customers think it the finest radish they have every grown. Tops are quite short, making it early, and also allowing their close planting. A succession is secured by planting seed every ten days. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Brightest Long Scarlet.** This is the handsomest and earliest long Red Radish. It resembles the Long Scarlet in shape and is usually fit for use in 25 days after sowing. The color is brightest scarlet, the tails are snowy-white tipped. This combination of red and white make it the best seller of any long radish on the market. It is also an excellent sort for the home garden. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Wood's Early Frame.** This is an extra early forcing strain of the long scarlet, short top, selected especially for growing under glass for use in frames. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Half Long Deep Scarlet.** A half long deep scarlet radish. Is much grown in the South for early shipment. Is also good forced. In quality it is brittle and juicy. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c.



RADISH, BRIGHTEST LONG SCARLET.

**SUMMER RADISHES.**

These grow larger than the early radishes and remain in good condition to eat much longer.

**Improved Chartier.** Some-what re-ssembling the long Brightest

size and later. Long, scarlet and tipped with white. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Long White Vienna.** Snow white, very brittle and crisp. A beautiful long handsome radish of rapid growth. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**White Strassburg.** Of somewhat larger size and thicker than Vienna. Very solid. An excellent market variety. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Stuttgart.** A turnip shaped, large white radish. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**RAMPION.—A New Salad.**

Both the roots and leaves make a delicious salad. Pkt., 10c; 1/2 oz., 15c; oz., 30c; 2 oz., 55c.

**SALSIFY, OR OYSTER PLANT.**

This really delicious vegetable should be more generally grown. It surpasses for table use, both parsnips and carrots, acquiring, after a good frosting, a decided oyster flavor. The roots should be left in the ground to be dug up during thaws in the winter and spring. Salsify is boiled like parsnips or carrots, or is half-boiled and grated, then made into balls which are dipped into batter and fried like oysters. MAMMOTH SANDWICH ISLAND SALSIFY is the most popular.

**Mammoth Sandwich Island.** This variety is much more uniform in growth than the old standard Long White Salsify. It is twice the size and weight. The roots are of superior quality and most delicate flavor, especially after being touched with frost. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.10.

**LONG WHITE SALSIFY.** The old standard. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.10.

**SCORZONERA OR BLACK SALSIFY.**

**Scorzonera, or Black Salsify.** Considered by many better than White Salsify. Somewhat harder to raise, although cultivated the same. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

**Improved Long Black (Black Salsify).** This variety may be planted in the late Spring, earlier than Black Salsify, without running to seed, the longer season thus permitting a considerably larger growth of root. Pkt., 10c; oz., 20c.

**RHUBARB.**

**VAUGHAN'S MAMMOTH.** Vigorous and productive; stalks numerous, the larger ones being 15 inches long and fully 1 1/2 inches wide. It is the first article of the season from the garden, and no garden should be without it. Seed, pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00 postpaid.

**Chicago Giant.** This rhubarb is the result of an expert's breeding for large stalks and small leaves. We have grown this for a number of years, and consider it the finest variety we have seen. Pkt., 25c; 3 for 65c.

**Rhubarb Roots.** Set in spring they will furnish leaf stalks the following season. Clumps, each, 15c; doz., \$1.50; not prepaid. Small roots, each, 10c; doz., \$1.00; by mail postpaid. We can also supply for immediate effect extra large clumps at 25c to \$1.00 each. These clumps are extra large and heavy and will be sent by express or freight (at buyers' expense).

**VAUGHAN'S SPECIAL**

**Early Long Scarlet, Short Top.** A standard variety of the long type of radish, for both market and home use. The roots grow long, partly above the ground, straight, smooth and of a bright rich scarlet color. The flesh is crisp and tender. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

**Vaughan's Market,** The best early half-long White Radish, tender, delicate, brittle and fine flavored, resembling the Strasburg in size, but of quicker growth; very smooth and regular in appearance with pure white skin. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c.

**Cincinnati Market.** A long red radish, 6 to 7 inches, with quite short top. This is a standard, and is a market radish in a number of Southern communities. Does well also in the North, and the quality is all that can be desired. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

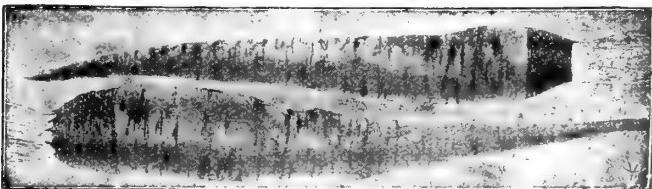
**WINTER RADISHES.**

Do not sow these until the latter part of June.

**The Munich.** The German favorite. The radishes are white and grow from 6 to 8 inches in length; are broad at the shoulder, have a white thin skin; grow quickly; have mild and delicious flavor. Pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., \$1.00.

Each of the following, Pkt., 5c; oz., 10c; except where noted.

CALIFORNIA MAMMOTH WINTER.	Long, very large size.	\$0.20	\$0.70
ROSE OR SCARLET CHINA.	Rose color, medium size, fine keeper.	.20	.60
CHINESE MAMMOTH OR CELESTIAL.	The best of all very large white radishes. Immense size and the flesh always crisp and mild.	.25	.70
BLACK SPANISH LONG.	Black skin and white flesh.	.20	.60
BLACK SPANISH ROUND.	Similar to Long Black, except in shape.	.20	.60
HALL LONG BLACK WINTER.	Pkt., 5c; oz., 10c;	.20	.60
LONG WHITE SPANISH.	Similar to the Long Black except in color.	.20	.65
RAT TAILED RADISH.	Seed pods edible. Oz., 30.	.20	.68

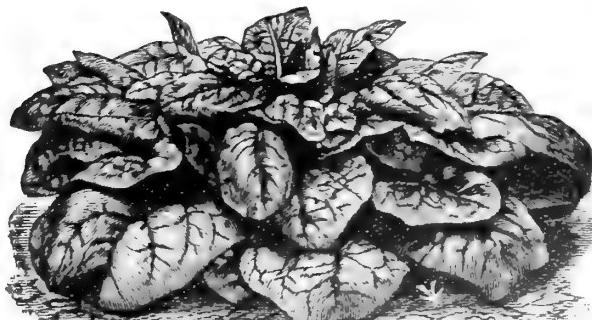


SALSIFY, MAMMOTH SANDWICH ISLAND.

**RHUBARB CULTURE, (The New) A valuable comprehensive book. A complete practical guide; bound in cloth. 130 pages. Price, .... 50c postpaid.**



VAUGHAN'S MAMMOTH RHUBARB.



VAUGHAN'S NORFOLK SAVOY SPINACH.

**VICTORIA.**

Of the true Savoy type; foliage, dense; leaves, broad and of dark green color; quality of the best. It is a heat resister, and remains in prime condition two to three weeks after all other varieties have run to seed. Oz., 5c;  $\frac{1}{4}$  lb., 12c; lb., 30c, postpaid. By express, lb., 20c; 5 lbs., 75c; 10 lbs. \$1.25; 100 lbs., \$12.00.

**SWISS CHARD.**

No vegetable requires less care than this, and it is safe to say that none yields as constantly as this spinach, producing uninterruptedly from July until Winter. Also called "Cut and Come Again Spinach."

If your garden space is limited, Swiss Chard must have a place, for in ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as Spinach or beet tops; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow early in Spring, in rows 16 inches apart, and thin out to 6 inches apart in the rows. It can be used all Summer when spinach is not available. Later the leaves grow very large, with broad, flat, pure white stems, and mid-ribs, which may be cooked like Asparagus or made into very good pickles. Our packages contain recipes for cooking both the leaves and stalks.

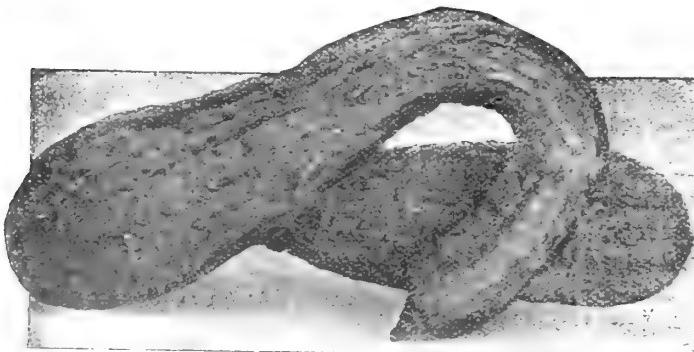
An ounce of seed is sufficient for a medium sized family.

Many of the Chicago gardeners use Spinach as a catch crop, giving quick results where land would otherwise stand idle. The investment is small and returns often large.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Lucullus Swiss Chard.** A new Moss Curled sort. Very large leaves. The mid-ribs are very broad and form a good substitute for asparagus during the summer months. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**Lyon Swiss Chard.** A new variety, selected especially for its broad mid-ribs and stems. Pkt., 10c; oz., 20c.



VAUGHAN'S GIANT SUMMER CROOKNECK.

**GIANT SUMMER CROOKNECK.**

Our strain of this squash is a great improvement upon the standard, popular, yellow Summer Crookneck. It has nearly double the former size, runs more evenly as to type, and grows fruit in quantity on healthy, compact, bushy plants. The fruit is heavily warted, its flesh is of a deep golden color, and its quality is of the very best. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10.

**SPINACH.**

SOW 10 TO 12 POUNDS TO THE ACRE.

**VAUGHAN'S NORFOLK SAVOY.**

(Bloomsdale). The plants are extremely hardy and of good size. The leaves are very thick and blistered. Its hardness and thickness of leaf permit safe long-distance shipping. A great favorite with Southern Truckers. Our strain is carefully grown and has secured and kept the trade of the largest and best growers in the country. Oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 35c, postpaid. By express, lb., 25c; 5 lbs. 95c; 10 lbs. \$1.70; 100 lbs., \$15.00.

**Extra Large, Round Leaf.** Large crumpled leaves. Oz., 5c;  $\frac{1}{4}$  lb., 12c; 10 lbs., \$1.30; 100 lbs., \$12.00.

**Prickly Seeded.** Very hardy; good for fall sowing. Oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c, postpaid.

**Long Standing.** Slow going to seed. Oz., 5c;  $\frac{1}{4}$  lb., 12c; lb., 30c, postpaid. 10 lbs., \$1.30; 100 lbs., \$12.00, by express.

**Monstrous-Leaved Viroflay.** Quick, strong growth; much used by New York truckers. Oz., 5c;  $\frac{1}{4}$  lb., 12c; lb., 30c, postpaid. 10 lbs., \$1.40, by express.

**New Zealand.** This sort is grown to supply the place of ordinary Spinach during the hottest months of the year, or in dry, arid localities where ordinary Spinach does badly. The leaves are eaten boiled like those of other kinds. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**SORREL. Sauvramper-Oseille.**

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor; boiled and served like Spinach. It also makes a delicious soup. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



SWISS CHARD. Nothing Better for the City Garden.

**SQUASH.**

SUMMER VARIETIES.

**GIANT WHITE SUMMER CROOKNECK**

This is a selection from the old Summer Crookneck, but is somewhat larger. The skin is ivory white, making a very attractive appearance, when this squash is grouped with other Summer vegetables. In quality it is tender, and well-flavored. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**SUMMER CROOKNECK**

The old standard Crookneck variety, smaller in size than Giant Summer or Crookneck, otherwise similar. Very prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c. . . .

**STRAIGHTNECK**

This variety has gained an advantage in shipping over the Summer Crooknecks, which have always been difficult to pack for distant markets, while in size and quality it compares favorably with any of its class. A desirable sort for gardeners distant from markets. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

The Delicious Squash—"I never ate so fine a squash."—Prof. Maynard, Massachusetts Agricultural College.

"We think that in fineness of grain and delicacy of flavor it surpasses the Hubbard when in its best state."—Luther Tucker & Son, editors of Country Gentleman.

**Our Prices** on pounds include postage. If sent "by express" customer paying charges, 10 cents may be deducted from the single pound rates.

# SQUASH.

## SUMMER VARIETIES.

Plant Squashes in warm, light, rich soil and (about 8 or 10 seeds to a hill), afterward they may be thinned out to 3 or 4 vines.

### MAMMOTH WHITE BUSH, Patty Pan.

The old Early White Bush Scallop has long been the favorite early Summer squash. Mammoth White Bush is an improved selection only a few days later; it is considerably larger and deeper, has less scallops, saving waste, and produces more heavily. Peeled and sliced, then fried like an egg plant, this squash furnishes a most delicious dish. We have a very select strain. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

**EARLY WHITE BUSH.** The older, very early sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

**MAMMOTH GOLDEN BUSH.** Like the Mammoth White Bush; however, the fruits run a little larger and have a fine pale yellow skin with creamy yellow flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

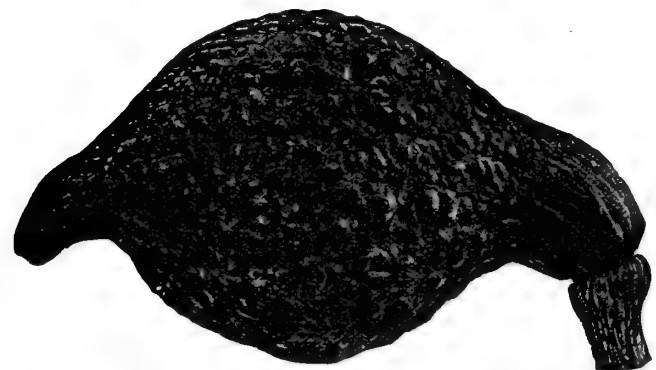
**EARLY YELLOW BUSH.** A true bush, though of an earlier and smaller strain than the above. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

**BUSH FORDHOOK.** A new bush type of the original Fordhook, unequaled in quality and delicious sweetness by any variety whether for summer or winter use. The young tender fruits are prepared and cooked like other summer squashes, or stored before frost, in a warm dry place, furnish winter squash for table use until the next new crop is ready. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**FORDHOOK.** Ripens early and is one of the best keepers we know of. Can be kept all through the Winter until June. Is very prolific, and nearly bug and borer proof. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

## WINTER VARIETIES.

**Squash and Musk Melons are apt to develop smooth skinned fruit if planted too thick.**



CHICAGO WARTED HUBBARD.

**BOSTON MARROW.** A widely popular squash for Fall and Winter use. Rind thin, bright orange in color, flesh yellow, rich and sweet; form oval. A good keeper and unexcelled for pies. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**CHICAGO ORANGE MARROW.** As large as the Hubbard, and of good quality. As long keeping as other sorts, yet ten days earlier. In season from September to January, and always saleable, because of its handsome shape, desirable size and smooth orange skin. It suits everybody. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c. By express, lb., 60c; 5 lbs., \$2.80; 10 lbs., \$5.50.

**PIKE'S PEAK OR SIBLEY.** A very vigorous and productive old standard variety. The fruits are large, oval in shape, the blossom end tapering. The color outside is dark green and inside the flesh is light yellow and of superior quality. Pkt. 5c, oz 10c,  $\frac{1}{4}$  lb 30c, lb 90c.

## OTHER GOOD KINDS.

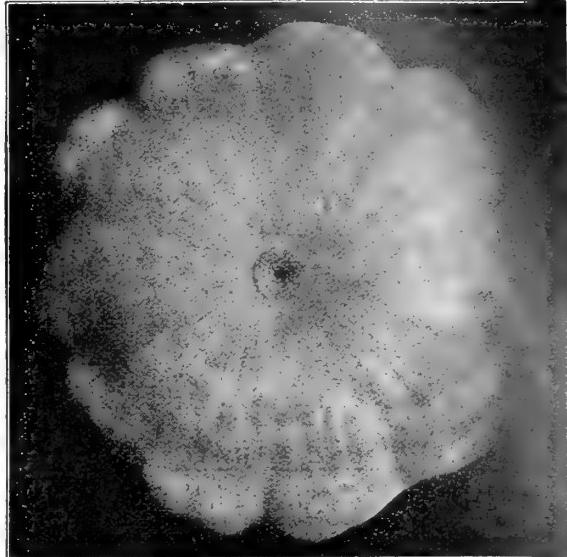
**DELICATA.** Orange-yellow color splashed and striped with dark green. Quality is rich, dry and solid. Extra early, a good keeper and fine producer. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**FAXON'S BRAZILIAN.** A great variety to sport; early, long keeping; average quality excellent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**GOLDEN BRONZE.** Of large size, 8 to 10 pounds, a grayish green color, flesh golden yellow; sweet, early and a good keeper; very uniform. Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**MARBLEHEAD.** Light blue, olive shape, delicious flavor, sweet and dry, prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10.

**ESSEX HYBRID.** Large fruits, broad; large neck or Turk's cap at its blossom end. Good for Fall or Winter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.



SQUASH, MAMMOTH WHITE BUSH.

## CHICAGO WARTED HUBBARD.

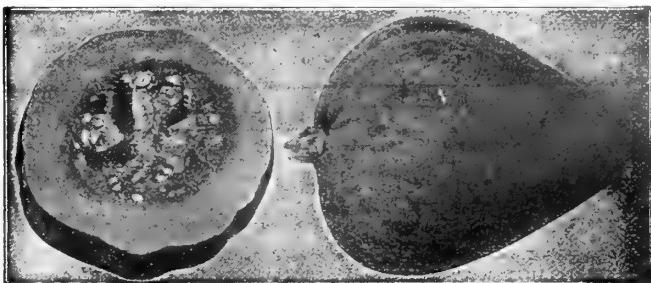
In growing the original green Hubbard on a large scale for market, it was found the largest, heaviest, dark, rough-skinned specimens were the most valuable, and most saleable. Because of this fact, selections of such fruits were made and the result is our selection of Chicago Warted Hubbard Squash. (See type illustrated on this page.) This strain is the ideal winter squash for the home market. Vines have a strong, robust growth; fruits are large, of handsome shape, heavily warted and of a dark green color, flesh is rich and dry, two fine qualities for cooking. Pkt., 5c; oz 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.50; 10 lbs., \$10.50.

**HUBBARD.** The original Hubbard is similar to the above; however, is smoother and does not run quite so large. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.50.

**RED OR GOLDEN HUBBARD.** A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels, the Green variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.35.

## VEGETABLE MARROW.

This is a most important vegetable in the English market, but little known in this country. The fruit is generally eaten when less than half grown, as the flesh is then very tender and marrowy, and should always be used in a young state. Our packages contain cultural directions and recipes for cooking. Pkt., 10c; oz., 15c; 2 ozs., 25c.



DELICIOUS SQUASH.

## THE DELICIOUS SQUASH.

*The Best Flavored Squash in Existence.*

For table use no squash compares with this in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, being excellent at all seasons, though it does not acquire its best quality until winter. The fruits vary somewhat as to shape and size, but usually weigh from five to ten pounds. The rind is uniformly green, the flesh dark orange and very thick. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00. postpaid.



EARLIANA.

**DWARF STONE TOMATO.**

This is the largest Dwarf Tomato in existence. In habit of vine it resembles the Dwarf Champion, but is of stronger growth and is more erect. The fruit is similar to the Tall Stone in color (red), shape and practically in size. Specimens weighing one pound each are quite common. The season is fully as early as the Dwarf Champion, but the fruits are double the size. On account of its being of dwarf habit, for the amateur, who is not used to training vines, this is a most desirable sort. The fruit is free from cracks at the stem end, solid, ripens evenly and is of excellent quality. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 85c, lb., \$3.00.

**CHALK'S EARLY JEWEL.**

The largest and smoothest of the extra early red tomatoes. Somewhat later, a week or ten days, than Earliana. The fruits are larger and smoother. The vines grow very compactly, are immensely productive, and better still, bear continuously throughout the season, in which respect it far surpasses Earliana. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**VAUGHAN'S MODEL TOMATO.**

A handsome dwarf tree variety; large size; scarlet color; early and of the best quality. Sure to please in the home garden. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 2 ozs., 65c.

**ACME.**

An early, purple fruited tomato, very valuable for market gardeners who ship or have a home market, and also for the amateur. The vine is large and very prolific, bearing fruit in clusters of four or five. The first fruits ripen early, and the fine, smooth, large tomatoes are produced until frost comes. One of the A1 standard varieties. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.

**TOMATO PLANTS**

We have ready about May 15th carefully grown plants of the following varieties: Acme, New Stone, Dwarf Stone, Dwarf Champion, Ponderosa, Beauty, Globe, and others. Three sizes—seedlings from the hot beds; transplanted plants from flats; and 2-inch pot plants. For prices see page 137.

**FORCING VARIETIES.**

**Best of All, Sutton's.** One of the very best for under glass culture. It sets very free and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. Color, a deep scarlet, of good size, and fruit very solid and producing very little seed. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 50c.

**Comet.** Scarlet color. In size it compares with a Medium Stone. Good judges say it is the very best forcing tomato, out-bearing other varieties in uniform fruit of high quality. Pkt., 25c.

**Frogmore Selected Forcing.** A free cropping, free setting, medium sized variety, very uniform and smooth, almost round, solid and very firm; color, clear bright scarlet, with very deep flesh and remarkably small seed space. Selected seed. Pkt., 15c;  $\frac{1}{2}$  oz., 25c; oz., 50c.

**Lorillard.** One of the best known commercial forcing sorts, early, bright red, fine flavor. Pkt., 5c; oz., 25c.

**Marvel, Hubert's.** Scarlet color, round like an apple and very solid; fine size for stuffing. Pkt., 15c; oz., 35c.

**Stirling Castle.** Scarlet color. Small size, very uniform, solid, and one of the most productive of greenhouse sorts. We have a fine strain. Pkt., 25c.

**Sunrise.** A new A1 English forcing sort. Rich scarlet in color, with solid but delicate flesh, containing but few seeds. Very prolific, fruit medium size. The most desirable variety for growing under glass we have yet tried. Pkt., 25c.



SUNRISE.

**TOMATOES***Raised for Seed Only.***EARLIANA—The Best Extra Early Variety.**

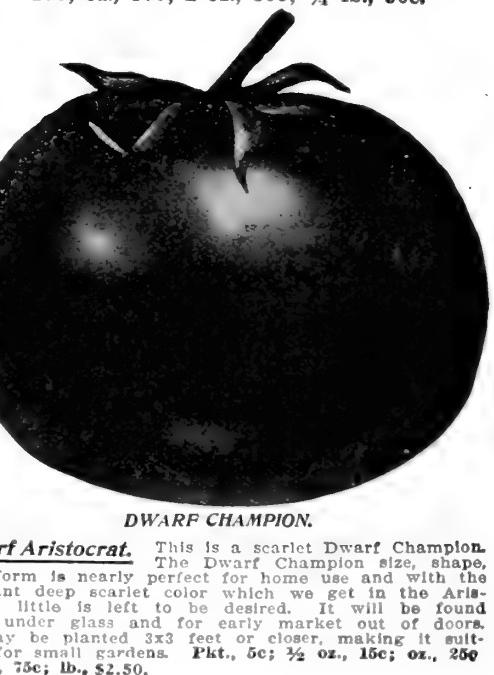
It is the earliest large, smooth, heavy yielding red tomato. Not only is it desirable on account of its earliness and large size, but on account of its handsome shape and bright red color. Its solidity and fine quality are equal to the best medium and late sorts. Plants are very compact, with stout, jointed branches, and yet the vines yield enormously. For early sort in the Northern market and home garden, there is nothing to compare with this red tomato. In some Southern shipping sections, it is now grown almost exclusively. Our seed is selected by tomato experts of years' standing, for earliness, trueness to type, and productiveness. In our tests with all of the finest strains from seedsmen and large market gardeners, we have not found one superior. Pkt., 10c; oz., 25c; 2 oz., 45c;  $\frac{1}{4}$  lb., 80c; lb., \$2.75.

**VAUGHAN'S EARLIEST OF ALL.**

This is the earliest tomato we have ever planted, and may be used in the North where there are poor hot bed facilities for growing plants. Where other varieties can be used, this is not particularly desirable, on account of its small size and



DWARF STONE.



DWARF CHAMPION.

**Dwarf Aristocrat.** This is a scarlet Dwarf Champion. The Dwarf Champion size, shape, and form is nearly perfect for home use and with the brilliant deep scarlet color which we get in the Aristocrat little is left to be desired. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet or closer, making it suitable for small gardens. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

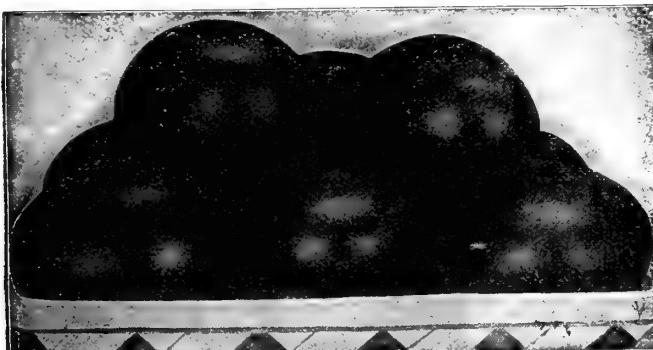
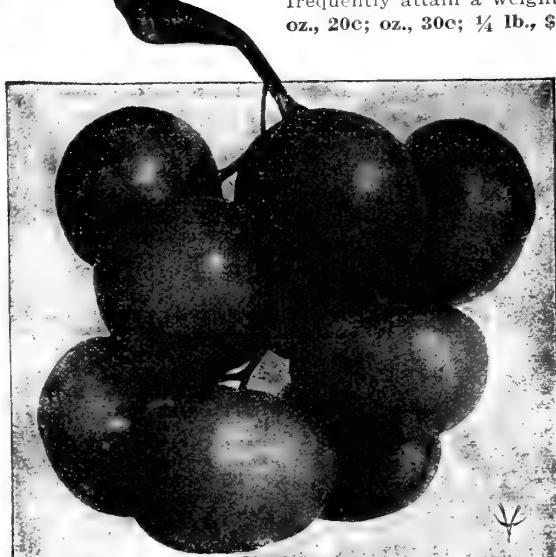


**The Smoothest and Best of the Large Purple Sorts.** Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish pink; flesh light pink and of excellent flavor. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 25c; 2 ozs., 35c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.

**Matchless.** This is a very large fruited Tomato. The fruit remarkably solid and is produced in quantity on strong, vigorous vines. A very distinct and desirable variety. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Enormous.** Exceptionally large, also unusually smooth, with solid meat and few seeds. It is oval in shape rather than round. Medium in season, and ripens all through the fruit at once. Deep red. The fruits are very large—the vine, however, is not so productive as Matchless. Pkt., 10c; oz., 25c; 2 ozs., 45c;  $\frac{1}{4}$  lb., 80c; lb., \$3.00.

**Cream City.** This is one of the very first large Tomatoes to ripen, coming in about a week ahead of Acme. Smooth, always round and good first size. The color is purplish crimson, similar to Acme. Flesh is very thick, firm and solid, with few seeds. Good shipper, does not crack or rot. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 25c; 2 ozs., 35c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.



A BASKET OF BEAUTY. (Smoothest and Best of Large Purple.)

#### SMALL-FRUITED TOMATOES.

The fruit of these are largely used for making fancy pickles, preserves, etc. The plants are extremely productive.

**Yellow Plum.** The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid, fleshy and of excellent flavor. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75. **Red Plum.** Same as Yellow Plum, except color, same price.

**Yellow Pear.** Similar to the Yellow Plum, but the fruits have a distinct pear shape. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75.

**Red Pear-Shaped.** The larger plum-shaped red tomato. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Red Cherry.** Little fruits of a bright scarlet color. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Red Currant.** Very small. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

SPECIALLY  
SAVED

#### TOMATO SEED.

We do not use Canning Factory Seed.

#### VAUGHAN'S IMPROVED NEW STONE

This tomato is the "King" of the Reds for main crop use. It overtops all others. Its smooth, small cored, solid almost "beefy" scarlet tomatoes are not equaled by any other variety in appearance, size or largeness of yield. Gardeners appreciate this, and use it almost exclusively in markets demanding a red tomato. Our strain is most carefully bred, and our seed choice. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.55

#### PONDEROSA.

This is the largest-fruited Tomato and is of fine quality for slicing. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. Planted in good soil, pruned to a single stem, fruits frequently attain a weight of one pound or more. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Magnus.** A purple fruited, distinct, early main crop variety. Strong grower with short joints, setting the fruit clusters very close together, and is, therefore, a heavy cropper. Fruits are very thick, many of them being almost globe shaped. Ripens evenly. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 20c; 2 ozs., 35c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.

**Early Michigan.** An excellent, uniform early sort. First fruits are very early, while the vines continue bearing a long time. Vines large growers and very productive, will stand high culture. Fruit medium to large, increasing in size as the season advances. Smooth and free from cracks. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 20c; 2 ozs., 35c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.

**Crimson Cushion, OR BEEFSTEAK TOMATO.** Fruit very large, round and regular; bright scarlet color, flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipping well. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.25.

**Our Tomato Seed.** has all been grown by Tomato Specialists, who plant for seed only. It is not as cheap as that from canning factories, but it is good and reliable, and will give satisfaction.

#### OTHER WELL-KNOWN STANDARD VARIETIES.

Per pkt., 5c, of any of the following:

$\frac{1}{2}$ oz.	1 oz.	$\frac{1}{4}$ lb.	1 lb.
\$0.12	\$0.20	\$0.70	\$2.25

Early Freedom.	Very early, smooth.....			
Favorite.	Large, early and smooth, color bright red, good shipper.....	.12	.20	.70
Golden Queen.	Rich deep yellow.....	.12	.20	.70
Honor Bright.	Best shipper; large and good quality.....	.12	.20	.70
Imperial.	Large early purple variety.....	.12	.20	.70
Perfection.	Very solid flesh; blood red color; late: a favorite variety.....	.12	.20	.70
Trophy.	An old standard; late.....	.12	.20	.70

#### STRAWBERRY or

#### HUSK TOMATO.

Plants of low-spreading growth and immensely productive. The small yellow fruits are each enclosed in a husk. Of very sweet flavor, highly esteemed for eating, preserving, or making pies. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

#### TWO PEACH TOMATOES.

(Red and Yellow)

The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep blended rose with orange amber, and the other clear lemon-yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. **Each, red or yellow Peach,** pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; both kinds mixed, pkt., 10c; 3 for 20c.



# Garden TURNIPS and RUTABAGAS

## WHITE FLESHED VARIETIES.

**White Milan.** The Earliest of All. The earliest turnip, and the best quality in its class. A fine snowy-white color. The skin is so smooth and neat as to seem polished. The foliage is short. Size medium, and the flesh is white, tender and smooth grained. Can be used Spring or Fall. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

**PURPLE TOP MILAN.** Almost the same in season as the White Milan. Size is medium; shape flat; skin very smooth. The surface color is white with a purple white top. White flesh of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**EARLY PURPLE TOP, Strap Leaved.** This is an early variety, about a week later than Milan, and a great favorite for table use; form flat, like a broad disc in shape, and of medium size. Color, purple or dark red above ground, white below; flesh white, fine grained and tender; leaves few, entire, upright in growth; a good keeper. Postpaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c. By express, lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50.

**EARLY WHITE FLAT DUTCH.** A most excellent early garden variety and largely used in the southern states. Roots medium sized, flat, color white, very early, sweet and tender. It is desirable for table use, but is spongy and inferior when overgrown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.



WHITE MILAN, THE EARLIEST OF ALL.

## PURPLE TOP WHITE GLOBE.

This is the most popular of all market turnips. It originated from the purple top, flat turnip. The shape is globular and of good size and in appearance it is the best looking of all varieties, the white globe surface having an uneven purple edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table and stock. An immense producer. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c. By express, lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.65.

**White Egg.** A quick-growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. The flesh is very sweet, firm and mild, never having the rank strong taste of some white varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**COW HORN or LONG WHITE.** A pure white variety with a slight shade of green on the skin at the top. In form like a carrot, and is usually slightly bent. It grows nearly half way out of the ground. The table quality is the best, and it is a rapid grower. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**RHODE ISLAND ROCK.** A great improvement on the White French Turnip, made after years of selection by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hardy and solid, flesh pure white, fine grained, brittle and sweet. Excels all other turnips as a keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

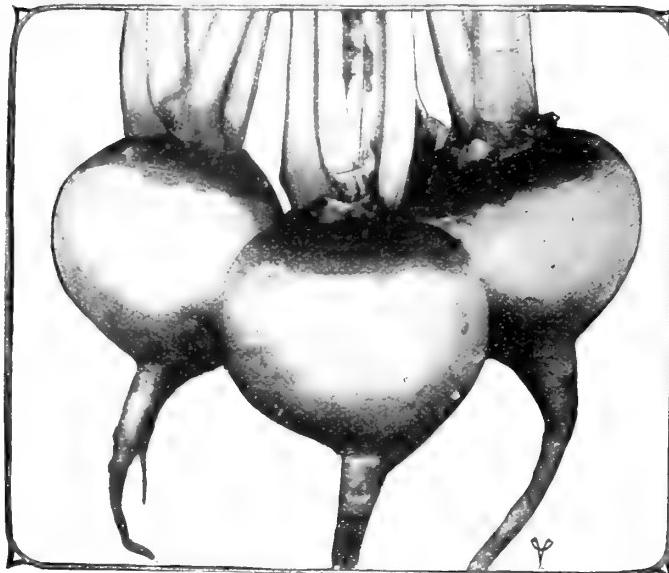
**EARLY SNOWBALL.** Small, rapid grower; white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**WHITE NORFOLK.** Globular, late, solid. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**POMERANIAN WHITE GLOBE.** Large, good for both table and stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**SWEET GERMAN.** A fine table sort, white flesh, excellent keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**SEVEN TOP.** A variety much grown in the South for the tops, which are used as greens. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.



PURPLE TOP WHITE GLOBE.

## YELLOW FLESHED VARIETIES.

**Golden Ball or Orange Jelly.** A medium sized globular Turnip. The season is early; flesh a golden yellow, of fine texture, very sweet and nice for table. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Yellow Stone.** A popular yellow fleshed variety of round shape, somewhat flattened. For keeper. Also good for stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**YELLOW ABERDEEN.** Large globe shaped yellow variety; excellent for keeping. Good for both table and stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**LARGE YELLOW, or AMBER GLOBE.** Large; of excellent quality, and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## SWEDES OR RUTABAGAS.

These require a longer season than Turnips do. For table use, they usually keep better and are slightly better flavored than the Turnip. They are also an excellent crop to raise for cattle feeding, yields are heavy and the feeding value high. See page 24 for other stock roots. This crop should be sown from the 1st to the middle of July.

**Vaughan's Improved.** From stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good keeper and keeper. Excellent table quality. Also one of the best sorts for stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 80c. By express, 5 lbs., \$1.60.

### VASSAR.

This is a yellow fleshed selection of the White Breadstone Rutabaga and is a very desirable variety for late Fall use. The flavor is at its best about Christmas and after. The roots are very hard and keep into the Summer if stored in a good cellar. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c.

**LAINGS.** Large, early, purple top, yellow flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**CARTER'S IMPERIAL.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

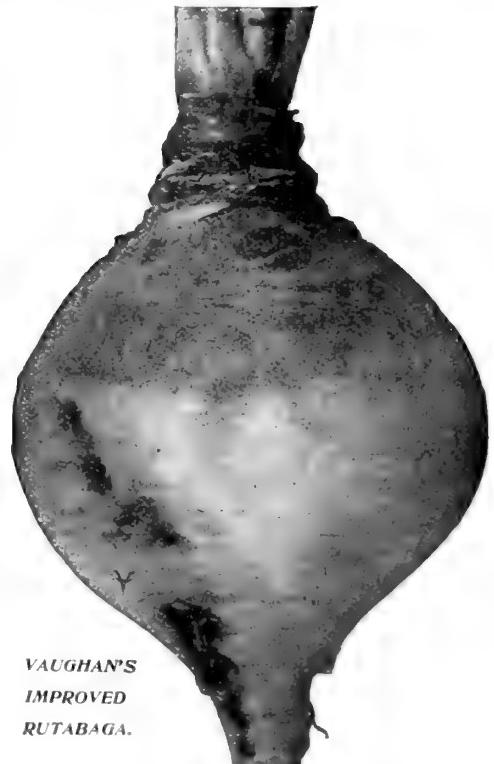
**SKIRVINGS.** Large size and yellow. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**BREADSTONE.** Medium sized, white roots. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**Hurst's Monarch.** Yellow fleshed and oblong in form. Flesh solid, fine grained, and of the best flavor. For earliness, quality and weight, it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the roots makes it very nutritious to cattle. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**WHITE SWEDE.** Flesh white and solid. Large size. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**SUTTON'S CHAMPION.** Wonderful yielder, spherical yellow flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

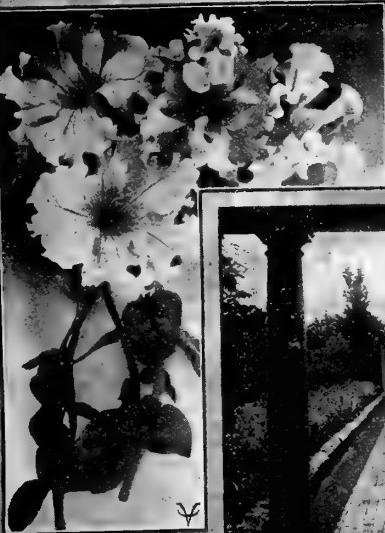


VAUGHAN'S  
IMPROVED  
RUTABAGA.

## CULTURE

Sow in July or August on new land 1 oz. to 150 ft. of drill. Drilled 1½ lbs. to the acre; broadcast, 3 to 4 lbs.

# Vaughan's Flower Seeds



**THE FOLLOWING SIGNS have been employed in these pages to distinguish the class to which the varieties so prefixed belong**

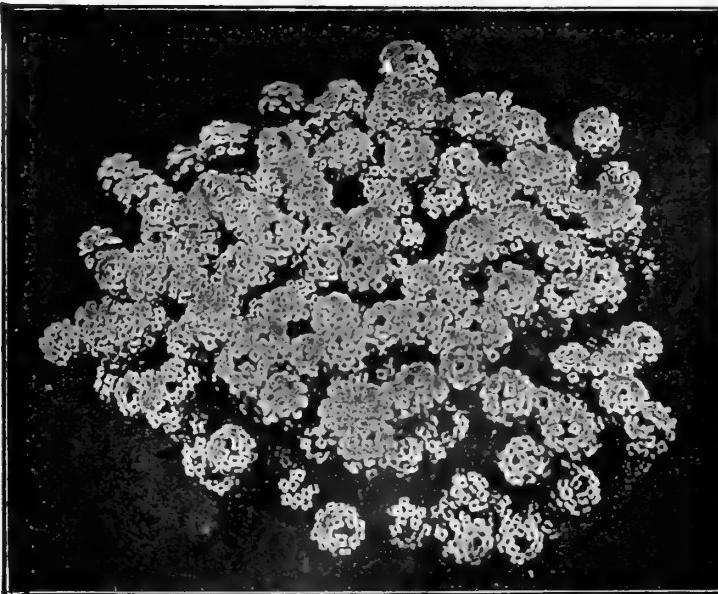
- Ⓐ **Annuals** These attain full growth from seed, flower and die the first year.
- Ⓑ **Biennials** These grow from seed the first year, bloom and die next, though some varieties bloom the first year if sown early.
- Ⓒ **Greenhouse Plants** Start inside and cultivate in pots or else transplant outside when all danger of frost is over.

Ⓓ **Perennials** These last for several years, blooming annually after the first season, though some varieties bloom the first year if sown early.

Ⓔ **Stove Plants** To be grown inside all year. For pots only.  
Ⓕ **Climbing Plants** Climbers.

## VAUGHAN'S GENERAL FLOWER SEED LIST

50	<b>ABOBRA Viridiflora</b> Ⓑ $\frac{1}{2}$ 15 ft. A rapid growing climbing gourd with scarlet, cherry-like fruit and dark green foliage.	Pkt	10
55	<b>ABRONIA Umbellata Grandiflora</b> Ⓐ 6 in. Very pretty trailing Sand Verbena, with numerous clusters of sweet scented rosy-lilac flowers. Does well in poor soil.	oz 15c.	5
58	<b>ABRUS Precatorius</b> Ⓛ $\frac{1}{2}$ 12 ft. Beautiful prayer beans. Seeds resemble coral beads; may be used for necklaces. Soak seed in warm water before sowing.	oz 15c.	5
62	<b>ABUTILON Royal Prize</b> Ⓛ 3 to 4 ft. Flowering Maple. Beautiful little bushes covered with bell-shaped flowers dotted and veined.	15	10
63	<b>Good Mixed.</b>		5
70	<b>ACACIA Lophanta Speciosa</b> Ⓛ 6 ft. Handsome greenhouse shrub. Yellow flowers and feathery foliage. Soak seed in warm water before sowing.	10	10
71	<b>Mixed.</b>	1 oz 20c.	5
76	<b>ACANTHUS Latifolius</b> Ⓑ 3 ft. Handsome decorative plant, broad deeply cut foliage; beautiful for solitary plants in lawn or for grouping with other plants.	1 oz 15c.	10
77	<b>Mollis</b> 2 ft. Similar to the above; more graceful.	1 oz 15c.	10
82	<b>ACHILLEA The Pearl</b> Ⓑ 3 ft. From spring until frost covered with heads of purest white flowers; very double. Useful for cut flowers. Sow seeds early.	10	10
86	<b>ACONITUM Napellus</b> Ⓑ 3 ft. Monkshood. Long spikes of curiously shaped blue flowers. Plant in shrubbery or shady places of the garden. Seeds germinate slowly.	$\frac{1}{4}$ oz 25c.	5
87	<b>Napellus Flore Albo</b> White.	10	10
92	<b>ACROCLINIUM Roseum</b> Ⓐ 2 ft. A pretty Everlasting, bearing lovely rose pink flowers, which, when cut in the bud state, can be dried and used for winter bouquets.	$\frac{1}{4}$ oz 10c..	5
93	<b>Roseum Flore Albo</b> White.	$\frac{1}{4}$ oz 10c..	5
94	<b>Mixed.</b>	$\frac{1}{4}$ oz 15c..	5
100	<b>ADENOPHORA Potaninii</b> Ⓑ 18 in. Light blue bell-shaped flowers produced on slender spikes in July and August.	10	10
105	<b>ADLUMIA Cirrhosa</b> Ⓑ $\frac{1}{2}$ 15 ft. Known as the Allegheny Vine. The feathery foliage is like the Maidenhair Fern. The flowers are tube-shaped, delicate rose pink and white, and cover the plant. For covering trellises, stumps of trees, etc., it is very desirable.	10	10
108	<b>ADONIS Aestivalis</b> Ⓑ 1 ft. Flos Adonis. Pretty little plant with feathery fresh green foliage, dotted with innumerable small blood-red flowers.	1 oz 10c..	5
110	<b>Vernalis</b> $\frac{1}{2}$ 18 in. Flowers of bright yellow.	$\frac{1}{2}$ oz 15c..	5
115	<b>AGAPANTHUS Umbellatus</b> Ⓛ 1 ft. Blue Lily of the Nile.	10	10
120	<b>AGATHEA Coelestis</b> Ⓑ 1 ft. Blue Daisy. Sky blue flowers with yellow disk. Fine winter bloomer.	10	10
	<b>AGERATUM</b> Ⓛ		
	One of the best summer blooming plants grown from seed. They are rapid growers, early and constant bloomers. During the hot dry summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 inches apart and they soon make a low mass of charming blue or white.		
121	<b>Mexicanum Coeruleum</b> 18 in. Blue.	$\frac{1}{4}$ oz 10c..	5
122	<b>Album</b> White.	$\frac{1}{4}$ oz 10c..	5
123	<b>Mixed.</b>	$\frac{1}{4}$ oz 10c..	5
124	<b>Nanum Blue Perfection</b> 9 in. The darkest Ageratum grown from seed.	$\frac{1}{4}$ oz 25c..	10
125	<b>Imperial Dwarf</b> Blue. 6 in. A good plant for the ribbon border.	$\frac{1}{8}$ oz 15c..	5
126	<b>Imperial Dwarf</b> White.	$\frac{1}{8}$ oz 15c..	5
127	<b>Little Blue Star</b> 4 to 5 in. A handsome variety, different from all other dwarf sorts. The tiny bushy plants are filled with clusters of flowers of light blue with dark red center, changing to pure light blue.		15
128	<b>Princess Victoria Louise</b> 6 in. This is the prettiest of the dwarf Ageratums. It grows in dense bushy plants covered with lovely sky blue flowers with white centers.	10	10
129	<b>Lasseuxi</b> 3ft. Plants grow vigorously and produce their soft pink flowers the entire summer.		10
135	<b>AGROSTEMMA Coeli</b> Ⓐ 1 ft. Rose of Heaven.	$\frac{1}{2}$ oz 15c..	5
136	<b>Flos Jovis</b> Ⓑ 1 ft. Beautiful pink flowers.	$\frac{1}{2}$ oz 15c..	5
139	<b>Coronaria Varieties Mixed</b> 1 to 2 ft.	$\frac{1}{2}$ oz 15c..	5
	<b>Allegheny Vine</b> see Adlumia.		
150	<b>ALONSOA Warscewiczi</b> Ⓐ 2 ft. A fine plant with orange scarlet flowers, suitable for bedding. A sunny spot should be chosen. Fine for cutting.		
	<b>Aloysia</b> see Lemon Verbena.		
	<b>Althaea Rosea</b> see Hollyhock.		



VAUGHAN'S LITTLE GEM ALYSSUM The Best Strain in Existence

## ALYSSUM ☺

**Benthami Maritimum, Sweet Alyssum**

159 This is one of the finest annuals we have and is beloved by Pkt many on account of its modest blossoms. It is pleasantly fragrant. It begins to bloom early in the season, and blooms until frost. It is a neat, thrifty, healthy grower and should be cultivated by every one who wants an all around good plant. Sow the seeds wherever the plants are to remain. If too thick, thin out. To prevent sowing too thickly mix the seed with sand before sowing. . . . 1 lb. \$2.25;  $\frac{1}{4}$  lb. 60c; 2 oz. 40c; 1 oz. 25c;  $\frac{1}{2}$  oz. 15c.. . . . 5

**Vaughan's Little Gem**

160 This should really be called the "Snow-white carpet plant," for the plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other flower which is so particularly well adapted for borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit, with its fragrance, makes it indispensable.  $\frac{1}{4}$  lb. \$1.25; 1 oz. 40c;  $\frac{1}{2}$  oz. 25c;  $\frac{1}{4}$  oz. 15c.. . . . 5

164 **Saxatile-Basket of Gold** 2 ft. Flowers brilliant golden yellow, completely hiding the foliage. Desirable for rock work and quite showy in masses. . . .  $\frac{1}{4}$  oz 15c.. . . . 5

**AMARANTHUS ☺**

Brilliantly foliated annuals, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants, among shrubs, or for the centers of large beds. Do not grow them too closely together, but give them sufficient room to develop their full beauty.

170 **Atropurpureus** 4 ft. Beautiful dark purple flowers. . . . 5

171 **Caudatus** 3 ft. Love lies bleeding. Blood red, drooping. . . . 5

172 **Salicifolius** 3 ft. Willow leaved. Graceful red and yellow foliage of drooping habit. . . . 5

173 **Tricolor Splendens-Joseph's Coat** 2 $\frac{1}{2}$  ft. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. The colors are especially brilliant if grown in poor soil. . . . 5

180 **Fine Mixed.** All the above and many others. 1 oz. 25c;  $\frac{1}{4}$  oz. 10c. . . . 5

190 **AMBROSIA Mexicana** ☺ 2 ft. Very curious, long spiral stems, bearing an abundance of small round greenish yellow buds and blossoms which are exceedingly fragrant. . . . 10

191 **AMMOBIUM Alatum Grandiflorum** ☺ 2 $\frac{1}{2}$  ft. This pretty white Everlasting should be in every garden. Grows in sandy soil. . . .  $\frac{1}{2}$  oz 15c.. . . . 5

198 **AMPELOPSIS Veitchi** 2 ft. The well-known Boston Ivy. See description on plant pages. . . .  $\frac{1}{2}$  oz 15c.. . . . 5

200 **ANAGALLIS Grandiflora Coerulea** ☺ 6 in. Bushy plants, rich Browallia-like flowers 1 in. across. . . . 10

201 **Grandiflora Mixed** . . . . .  $\frac{1}{8}$  oz 10c.. . . . 5

205 **ANCHUSA Capensis** ☺ 2 ft. Cape Forgetmenot. A rare and little known annual of great beauty which will thrive in an out of the way place where scarcely anything else will grow. . . .  $\frac{1}{2}$  oz 20c.. . . . 5

206 **Italica Grandiflora, Dropmore Variety.** Stems covered from May to August with numerous wide star flowers of intense blue, of great decorative effect in beds or borders. . . . 25



GIANT SNAPDRAGON

**ANEMONE Wind Flower** 2 ft

Very pleasing hardy plants for the herbaceous border. Pkt Fine large flowers, few plants compare with them in beauty. Fine for bouquets.

210	<b>Coronaria Mixed Colors</b> 10 in. (Poppy Anemone)....	5
211	<b>Coronaria St. Brigid's Strain.</b> Double and Single Mixed 12 in. A beautiful selection of the Coronaria comprising semi-double and double flowers in a wonderful array of colors. Seed sown in midsummer produce flowering plants the following spring.....	15
212	<b>Pulsatilla</b> 10 in. Blooms in May. Flowers violet or purple; fine for rockery .....	10
213	<b>Sylvestris</b> 1 $\frac{1}{2}$ ft. One of the most satisfactory for the border, flowers large, cup-shaped, pure-white.....	10
225	<b>ANTHEMIS Kelwayi</b> 2 ft. A most satisfactory plant, bearing all summer, daisy-like golden-yellow blossoms, excellent for cutting.....	10
228	<b>ANTIGONON Leptopus</b> ☺ § Mexican Mountain Rose. <b>ANTIRRHINUM MAJUS GRANDIFLORUM</b> ☺ 18 in.	5

**Giant Fragrant Snapdragon**

The flowers of this new strain are of very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut-flowers. They are easily raised from seed in any rich sunny bed. Spring-seedlings bloom by midsummer, and if the flowers are cut freely the flowering is continuous till Fall. If intended for winter flowering in the house, cut them well back in September. The Snapdragon, like most perennials and biennials which bloom the first year, is treated like an annual and sown every year.

240	<b>Album</b> White.....	10
241	<b>Queen Victoria</b> 3 ft. The best tall growing white.....	10
242	<b>Luteum, Golden King.</b> .....	10
243	<b>Lovely</b> Delicate rose with pink lip.....	10
244	<b>Delicata Daybreak</b> Pink.....	10
245	<b>Rose.</b> .....	10
246	<b>Coral Red.</b> .....	10
247	<b>Crescia</b> Scarlet.....	10
248	<b>Brilliant Variegated.</b> .....	10
249	<b>Butterfly</b> Striped.....	10
250	<b>Firefly</b> Scarlet and White.....	10



**VAUGHAN'S SPECIAL MIXTURE** of Giant Snapdragons includes all the above and many others, 1 oz. \$1.00;  $\frac{1}{4}$  oz. 35c.

260	<b>Majus</b> Tall sorts mixed, 1 oz. 40c; $\frac{1}{4}$ oz. 15c.....	5
261	<b>MAJUS NANUM, Dwarf Sorts</b>	
265	<b>Snow Queen</b> 8 in. Splendid for pots and edging. Beautiful white flowers all summer.....	10
266	<b>Queen of the North</b> 12 in. Handsome, regular bushes covered with large white flowers, deliciously sweet. For bedding and pot culture.....	$\frac{1}{8}$ oz 15c.. . . . 10
267	<b>Aurora</b> 18 in. A very striking color, cinnabar-scarlet with a white throat, a most pleasing and lively contrast..	10
268	<b>Fireball</b> 15 in. The color is the most dazzling scarlet. The plants flower all summer and fall.....	10
269	<b>Black Prince</b> .....	10
270	<b>Dwarf Sorts Mixed</b> . . . . . $\frac{1}{4}$ oz 20c.. . . . 5	



AQUILEGIA COLUMBINE

## AQUILEGIA 2/4 Columbine

Charming hardy plants, bearing in countless numbers through May and June exquisite clear blue, white, rose, yellow, purple and striped blossoms. For planting in permanent borders or edges of shrubbery this old-fashioned favorite is one of the best. They thrive well with ordinary garden culture, but such sorts as A. Chrysanthia and A. Coerulea do best in partially shaded nooks. Few hardy perennials are so easily grown from seed.

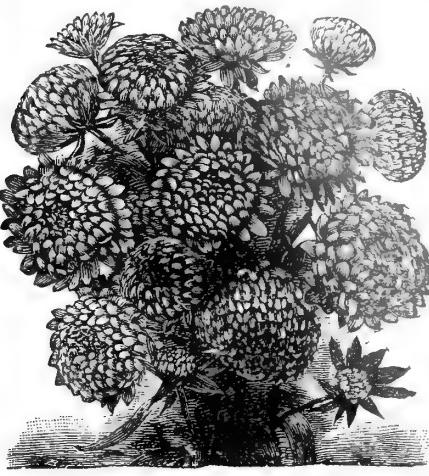
310	<b>Canadensis</b>	18 in. Scarlet and yellow.....	1/8 oz 15c..	5
312	<b>Chrysanthia</b>	3 ft. Golden yellow, long spurred	1/8 oz 15c..	10
313	<b>Chrysanthia Fl. Pl</b>	3 ft. Double golden yellow flowers..	15	
314	<b>Chrysanthia Grandiflora Alba</b>	3 ft. White spurred columbine. Large flowering, pure white, long spurs....	10	
320	<b>Coerulea</b>	Rocky Mountain Columbine, 3 ft. One of the most beautiful of our native American flowers. Sepals, deep blue, petals, white.....	1/8 oz 25c..	10
321	<b>Coerulea Hybrida</b>	2 1/2 ft. Haylodgensis. Large flowers, long spurred hybrids.....	1/8 oz 30c..	10
322	<b>Coerulea Rosea Rose Queen</b>	2 1/2 ft. The plants produce on long slender stalks in great profusion, beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate and beautiful combination of colors....	15	
326	<b>Glandulosa Vera</b>	2 ft. Sometimes has 50 blossoms over 3 in. in diameter, of the deepest blue, with pure white corolla	10	
327	<b>Helenea</b>	2 ft. The flower stalks bear large flowers of rich deep blue with a white corolla.....	10	
328	<b>Nivea Grandiflora</b>	15 in. Large pure white.....	5	
329	<b>Vernaeanae Atrovioleta Plenissima</b>	Double violet	5	
333	<b>Vulgaris Alba Plena</b>	2 ft. Double white flowers, fine for cutting and the wild garden.....	1/4 oz 15c..	5
334	<b>Vulgaris Single Mixed</b>	Many varieties.....	1/4 oz 10c..	5
335	<b>Vulgaris Double Mixed</b>	.....	1/4 oz 15c	5
340	<b>Vaughan's Special Mixture</b>	Includes all the above mentioned varieties and will produce a magnificent bed of these desirable hardy plants.....	25	

VAUGHAN'S  
SPECIAL

- ① **Annuals** These attain full growth from seed, flower and die the first year.
- ② **Biennials** These grow from seed the first year, bloom and die the next, though some varieties bloom the first year if sown early.
- ③ **Greenhouse Plants** Start inside and cultivate in pots or else transplant outside when all danger of frost is over.
- ④ **Perennials** These last for several years, blooming annually after the first season, though some varieties bloom the first year if sown early.
- ⑤ **Stove Plants** To be grown inside all year. For pots only.
- ⑥ **Climbing Plants** Climbers.



ASTER DWARF QUEEN



ASTER VAUGHAN'S FIREBALL

351	<b>ARABIS Alpina</b>	2/4 6 in. One of the earliest flowers to bloom in the spring. The flowers resemble Sweet Alyssum, are deliciously fragrant and completely cover the plant... Fine for rock work.....	1 oz 80c, 1/4 oz 25c..	Pkt 5
355	<b>ARCTOTIS GRANDIS</b>	① 2 ft. A handsome annual from Africa, growing luxuriantly and forming profusely branched bushes. Its flower heads, borne on long stems, are 3 in. across, pure white on the upper surface, reverse of petals being pale lilac.....	10	
360	<b>ARISTOLOCHIA Siphon—Dutchman's Pipe</b>	2/4 8 30 ft. 30 seeds .....	10	
365	<b>ARMERIA Formosa</b>	2/4 16 in. A very pretty edging plant bearing large tufts of rosy pink flowers nearly all summer..	10	
366	<b>Maritima</b>	10 in.....	5	
370	<b>ARTEMISIA Annua</b>	① 5 to 6 ft. Ornamental foliage plant.	5	
371	<b>Argentea</b>	2 1/2 ft. Beautiful silvery leaves.....	10	
376	<b>ASCLEPIAS Tuberosa</b>	2/4 2 ft. One of the showiest of our native perennials and producing from July until frost compact umbels of brilliant orange.....	10	
377	<b>Mixed</b>	New hybrids selected by Luther Burbank for us..	15	
384	<b>ASPARAGUS Plumosus Nanus</b>	① 3 ft. Lace fern. Most popular house plant today. The bright green sprays surpass the Maiden-hair fern in grace and delicacy of texture. The hard seed need soaking and bottom heat to sprout them. Vaughan's Greenhouse grown seeds of this are most reliable. 100 seeds \$1.00; 50 seeds 60c; 25 seeds 35c; 7 seeds.....	10	
385	<b>Sprengeri</b>	① Excellent for hanging baskets, 100 seeds, 40c; 50 seeds 25c; 15 seeds.....	10	
389	<b>ASPERULA Azurea Setosa</b>	① 1 ft. Pretty sweet scented annual with light blue flowers.....	5	
390	<b>Odorata</b>	2 6 in. Waldmeister. Grown for its fragrant leaves and stems, which when dried have a sweet odor and are used for putting among clothes, etc.; also used to flavor the May wine. Best grown among shrubbery, in semi-shaded positions where it can remain undisturbed.....	10	

## ASTER S ◊

This grand old fall favorite of our grandmother's garden still continues to beautify our garden. By gradual selection this plant now blooms from early summer until frost and its usefulness as a cut-flower is unlimited. Sow either in the open ground in May or in March or April in cold frame, spent hot-beds or pots or boxes in the house, covering the seed with about 1/4 in. of good rich soil; when the plants are strong enough transplant about 18 in. apart in deeply dug, well prepared beds. Asters must not be planted in freshly manured soil nor in soil that has been planted to asters for two or three years previous. Unslacked lime or fresh wood ashes are beneficial if stirred in the soil a little before planting and are said to counteract the ravages of the aster blight. A few soakings with tobacco water around the roots during the growing season is also recommended.

## DWARF SECTION Up to 10 in.

400 **VAUGHAN'S LITTLE GEM** The neat bushes are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a pleasing spot in the garden.

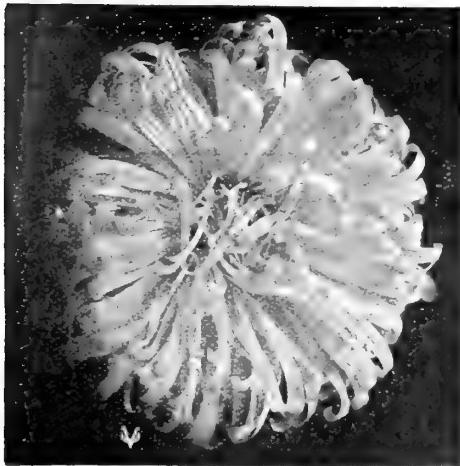


Pkt  
10

## DWARF QUEEN

This splendid aster makes low, compact, bushy plants, which produce a great number of double, extra large flowers like the Victoria aster 3 in. across. Excellent for bedding and for pots. Pkt 10

410	<b>White</b>	10	413	Light Blue.....	10
411	<b>Pink</b>	10	414	Dark Blue.....	10
412	<b>Crimson</b>	10	415	All Colors Mixed..	10



ASTER GIANT COMET



ASTER QUEEN OF THE MARKET



ASTER CARLSON

- 401 VAUGHAN'S SNOWBALL** The best dwarf white aster. The Pkt  
beautiful shape of the snow-white flowers and the free  
flowering habit of the plants are unequaled in any other  
dwarf aster. . . . .  $\frac{1}{8}$  oz 40c . . . . . 15
- 402 VAUGHAN'S FIRE BALL** The most brilliant dwarf aster.  
It forms a neat well-formed bush, covered with beautifully  
shaped flowers of the brightest scarlet; very effective for  
bedding and for pots. . . . .  $\frac{1}{8}$  oz 40c . . . . . 15
- 403 VAUGHAN'S PINK POMPON** The best dwarf pink aster,  
in every respect like the Snowball, except the color, which  
is the most brilliant satiny rose, turning lighter toward the  
edges of the flowers. . . . .  $\frac{1}{8}$  oz 40c . . . . . 15
- 404 GLORIA or Buttonhole** Very branching and free blooming.  
The flowers,  $1\frac{1}{2}$  in. in diameter, are pure white, with a beauti-  
ful scarlet margin. It is the prettiest aster we know of for  
buttonhole wear or small vases. The flowers last for a day  
in the hottest weather when worn in the buttonhole. . . . . 15
- 405 PYGMY Mixed** Pretty plants of handsome form, comple-  
tely covered with flowers, each plant forming a neat bouquet.  
Flowers are of the most distinct and delicate shades. . . . .  $\frac{1}{8}$  oz 25c . . . . . 10

## SEMI-TALL SECTION 11 in. to 16 in.

## COMET

Handsome and very distinct, resembling the Japanese chrysanthemums in shape of flowers: the petals are very long and beautifully curled.

- 440 White . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
441 Bridesmaid White turning to lilac rose. . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
442 Rose . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
443 Scarlet . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
444 Light Blue . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
445 Dark Blue . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
446 All Colors Mixed . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10

## GIANT COMET

These giant varieties differ from the older well known Comet asters, not only in bearing much larger flowers, but the petals are longer and broader.

- 455 White . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
456 Sulphur Yellow . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
457 Queen of Spain Primrose changing to blush. . . . . 10  
458 The Bride Pure white, changing to rose pink. . . . . 10  
459 Salmon Rose . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
460 Rose . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
461 Carmine . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
462 Crimson . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
463 Lavender . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
464 Dark Blue . . . . .  $\frac{1}{4}$  oz 40c;  $\frac{1}{8}$  oz 25c . . . . . 10  
465 All Colors Mixed . . . . .  $\frac{1}{4}$  oz 35c;  $\frac{1}{8}$  oz 20c . . . . . 10

## DAYBREAK

The Daybreak class forms strong bushy plants of very even growth. The full round flowers grow on strong, stiff upright stems. Extremely valuable for bedding.

- 470 Purity Pure white . . . . . 10  
471 Daybreak Shell-pink . . . . . 10  
472 Lavender . . . . . 10  
473 JUNE FLOWERING White This is larger, earlier and better  
than "Queen of the Market White." It blooms fully one  
week earlier. Very double and pure white . . . . . 15

**MIKADO**  
The Mikado belongs to the Comet class. Petals are nar-  
row, very long and gracefully reflexed. The outer petals show to  
their full extent, while gradually toward the center they bend and  
curl each other in such magnificent disorder as to make the fluffiest  
aster we have ever seen.

- 480 White . . . . .  $\frac{1}{4}$  oz 25c . . . . . 15  
481 Pink Rochester Exquisite shade of shell pink. The  
official flower of the city of Rochester, New York. . . . . 15

## QUEEN OF THE MARKET

The best early aster, usually in full bloom two weeks before  
most other sorts begin to blossom. Of graceful spreading habit.

- 485 White . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
486 Pink . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
487 Crimson . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
488 Scarlet . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
489 Light Blue . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
490 Dark Blue . . . . .  $\frac{1}{4}$  oz 25c . . . . . 10  
491 All Colors Mixed . . . . .  $\frac{1}{4}$  oz 20c . . . . . 10

## VAUGHAN'S IMPROVED VICTORIA

Undoubtedly one of the most handsome asters in cul-  
tivation, and we have an excellent strain of it. Flowers are large,  
perfectly double, globular and imbricated; plants are of fine pyra-  
midal form, an effective bedding variety.

- 500 White . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
501 Miss Roosevelt Primrose changing to flesh. . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
503 Pink . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
504 Crimson . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
505 Scarlet . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
506 Vermillion Scarlet . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
507 Light Blue . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
508 Dark Blue . . . . .  $\frac{1}{8}$  oz 50c . . . . . 10  
510 All Colors Mixed . . . . .  $\frac{1}{8}$  oz 35c . . . . . 10  
511 Imported Collection 12 Varieties . . . . . 60  
512 Imported Collection 6 Varieties . . . . . 30

## TALL SECTION 16 in. and up

- 519 VAUGHAN'S BEAUTY A splendid red sort, resembling  
the Victoria aster in shape and size of flowers. The color  
is the brightest red imaginable, with a satiny gloss. . . . . 10

## CARLSON OR INVINCIBLE The Early Branching Aster

This aster is a notable favorite in all cut-flower markets.  
The flowers are large and firm; the stems long and stiff, and the  
colors are decided and pleasing. The plants grow about 24 in.  
high and come into bloom about 10 days before the Giant Branch-  
ing aster.

- 520 White . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
521 Daybreak Pink . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
522 Rose Pink . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
523 Lavender . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
524 Violet Blue . . . . .  $\frac{1}{8}$  oz 25c . . . . . 10  
525 All Colors Mixed . . . . .  $\frac{1}{8}$  oz 20c . . . . . 10

## CREGO

This flower is giant in size, many blossoms six inches across.  
The petals are nearly double the length of the older varieties and  
are twisted and curled into a very fluffy effect.

- 526 White . . . . .  $\frac{1}{8}$  oz 25c . . . . . 20  
527 Shell Pink . . . . .  $\frac{1}{8}$  oz 25c . . . . . 20  
528 Rose Pink . . . . .  $\frac{1}{8}$  oz 20c . . . . . 20



VAUGHAN'S GIANT BRANCHING ASTER

## VAUGHAN'S GIANT BRANCHING ASTERS

Beautiful asters for cut-flowers. Quite different in several respects from any aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long, stiff stems, and the colors clear and handsome.

534 White.....	1/8 oz 25c..	10
535 Flesh Pink.....	1/8 oz 25c..	10
536 Rose Pink.....	1/8 oz 25c..	10
537 Crimson.....	1/8 oz 25c..	10
538 Lavender.....	1/8 oz 25c..	10
539 Purple.....	1/8 oz 25c..	10
540 All Colors Mixed.....	1/8 oz 20c..	10

## UPRIGHT BRANCHING

This type grows, as its name indicates, upright, not spreading, and therefore permits of close planting. Flowers are very large and double, and the stems up to 20 in. long.

555 White.....	1/8 oz 25c..	10
556 Rose Giant.....	1/8 oz 25c..	10
557 Purple.....	1/8 oz 25c..	10

## HOHENZOLLERN

The finest type of the Giant Comet, or Ostrich Feather type of aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut-flowers par excellence.

563 White.....	1/8 oz 30c..	10
564 The Bride White changing to pink.....	1/8 oz 30c..	10
565 Salmon Rose.....	1/8 oz 30c..	10
566 Pink.....	1/8 oz 30c..	10
567 Crimson.....	1/8 oz 30c..	10
568 Silvery Lilac.....	1/8 oz 30c..	10
569 Light Blue.....	1/8 oz 30c..	10
570 All Colors Mixed.....	1/8 oz 20c..	10

## VAUGHAN'S EXCELSIOR MIXTURE OF DWARF ASTERS

615 Many of our customers find it difficult to choose among the strains of all dwarf asters, and where exact heights are not required we recommend the planting of our **Excelsior Mixture**.

It is comprised of the most distinct and desirable colors of the different classes of dwarf asters and many others not listed especially selected for this mixture, insuring satisfaction to the grower. 1/8 oz 50c; extra large pkt, 25c.. 15

- 560 **HERCULES White**. The plants throw very strong stems, which begin branching about 4 in. from the ground and bear at the summit the main central flower, while the side shoots carry 4 to 6 secondary blooms. Flowers borne on remarkably strong stalks, pure white, long petals and attain a diameter of 6 in..... 15
- 573 **JAPANESE GIANT TASSEL**. Entirely distinct from all other asters. The flowers are of immense size, measuring from 5 to 6 in. in diameter, with long petals curiously twisted. Mixed colors ..... 1/8 oz 35c.. 10

## THE KING

The habit is similar to the popular Giant Branching, vigorous in growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large, many of the flowers measuring from 4 to 5 in.

- 575 **Rose King** ..... 15  
 576 **Violet King** ..... 10  
 578 **ROYAL PURPLE**. A new strain of branching aster. Its habit of growth is entirely distinct; the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. A medium early bloomer. 10  
 580 **UNICUM**. This grand aster 2 ft. high, is of branching habit. The flowers are composed of long narrowly channelled petals regularly expanded in all directions, presenting beautiful loose flowers of wonderful form. Pure White..... 15

## VAUGHAN'S IMPROVED PEONY PERFECTION

One of the handsomest sorts; flowers are borne on long wiry stems, are very large, 3 to 4 in. in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball like appearance. This is especially true during the early flowering season. Mid season to late flowering.

588 Pure White.....	1/8 oz 25c..	10
589 Sunlight Yellow.....	1/8 oz 25c..	10
590 Daybreak Pink.....	1/8 oz 25c..	10
591 Pink and White.....	1/8 oz 25c..	10
592 Brilliant Rose.....	1/8 oz 25c..	10
593 Crimson.....	1/8 oz 25c..	10
594 Brilliant Scarlet.....	1/8 oz 25c..	10
595 Gravelotte Blood-red.....	1/8 oz 25c..	10
596 Amethyst.....	1/8 oz 25c..	10
597 Lavender.....	1/8 oz 25c..	10
598 Dark Blue.....	1/8 oz 25c..	10
599 Shining Blue Black.....	1/8 oz 25c..	10
600 All Colors Mixed.....	1/8 oz 20c..	10
601 Imported Collections	12 Varieties	50
602 Imported Collections	6 Varieties	25
605 White Asters in Mixture	Composed of all the tall growing white sorts.	1/8 oz 25c.. 10
610 Dwarf Asters Mixed, All Classes and Colors	1/8 oz 20c.. 10	
620 Asters Tall Mixture, All Classes and Colors	1/4 oz 15c.. 5	

## SINGLE ELEGANCE or MARGUERITE ASTER

The best single aster. The plants are strong and vigorous and of handsome pyramidal habit, very free blooming, and produce their beautiful flowers on long slender stems. The flowers are from 2 to 3 in. in diameter, with small yellow centers, and last for a week when cut. The petals are broad and wavy, reminding one of the single Japanese Chrysanthemums.

630 White.....	10
631 Lavender.....	10
632 Dark Blue.....	10
650 Aster 2/4 Hardy Alpine Mixture	Sow the seed early, and they will bloom profusely during the entire fall, and make plants that will bear hundreds of flowers year after year. The flowers are bright and very beautiful; many are deep blue with yellow center. This is a very superior mixture, and contains at least 50 different kinds.... 15
Auricula	See Primrose.
Bachelor Button	See Centaurea Cyanus.

## VAUGHAN'S EXCELSIOR MIXTURE OF TALL ASTERS

625 This is a mixture of the most beautiful, striking and distinct colors of all the tall growing asters. Selected from the cream of the tall varieties and others especially purchased for this mixture.

This is the finest mixture of Tall Asters in existence and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. 1/8 oz 50c; extra large pkt 25c.. 15



TYPE OF VAUGHAN'S INVINCIBLE BALSAM

- 660 BALLOON VINE  $\odot$  § 10 ft. Thrives in light soil. One of Pkt the prettiest climbers. Remarkable for its inflated membranous capsules containing the seed. It is sometimes called Love in a Puff. Flowers white..... 1 oz 20c.. 5  
661 BALSAM Apple and Pear Mixed  $\odot$  § 10 ft. Very curious rapid and dense climbers, with ornamental foliage and golden yellow fruit, which open when ripe, showing the seed and the blood-red interior..... 1 oz 35c.. 5

VAUGHAN'S BALSAMS  $\odot$  1½ to 2 ft.

Balsams like the hot sun, rich soil and plenty of water. For perfect development the plant should be set from 12 to 18 in. apart. Only best quality seed should be sown. Transplanting two or three times has the tendency to dwarf the plants into better shape and to make the flowers more double. Excellent for edging canna beds.

- 675 Alba Perfecta Extremely double, very large, and of the true camellia shape, in fact, might be called miniature white camellia.....  $\frac{1}{8}$  oz 15c.. 5

676 Lemon Yellow.....  $\frac{1}{8}$  oz 15c.. 5

677 Flesh Pink.....  $\frac{1}{8}$  oz 15c.. 5

678 The Queen Satiny rose.....  $\frac{1}{8}$  oz 15c.. 5

679 Prince Bismarck Salmon pink.....  $\frac{1}{8}$  oz 15c.. 5

680 Crimson.....  $\frac{1}{8}$  oz 15c.. 5

681 Crimson Spotted.....  $\frac{1}{8}$  oz 15c.. 5

682 The King Brilliant scarlet.....  $\frac{1}{8}$  oz 15c.. 5

683 Atrosanguinea Plena Flowers and leaves dark red.

684 Solferino Striped lilac, white and scarlet.....  $\frac{1}{8}$  oz 15c.. 5

685 Lilac.....  $\frac{1}{8}$  oz 15c.. 5

686 Dark Blue.....  $\frac{1}{8}$  oz 15c.. 5

689 Double Rose and Camellia Flowered Mixed  $\frac{1}{2}$  oz 25c.. 5

690 VAUGHAN'S INVINCIBLE BALSAMS MIXED Like

all of the Vaughan's Special Mixtures, this is made from separate colors and choice strains and includes everything that is desirable in balsams...  $\frac{1}{4}$  oz 35c.. 15

691 Dwarf Balsams Mixed 8 in. These are very useful for borders; the plants make perfect little bushes with flowers that are double and semi-double and the colors are very pretty and pleasing.....  $\frac{1}{4}$  oz 25c.. 5

- 695 BAPTISIA Australis  $\mathcal{L}$  2 ft. False Indigo. Beautiful Pkt light blue flowers appearing in midsummer..... 1 oz 30c.. 5  
696 BARTONIA Aurea  $\odot$  12 in. A pretty flowering plant of the Gentian family and somewhat like a wild rose in appearance. Producing a profusion of fine, bright metallic yellow blossoms.....  $\frac{1}{2}$  oz 15c.. 5  
700 BEGONIA  $\triangle$  8 to 12 in. Single Tuberous-Rooted Mixed Of great value for summer decorating or window gardening, blooming the first season from seed, if sown in January or March in a temperature of 60 degrees. To secure the best results they should be planted in a partially shaded place. Flower all summer..... 500 seeds.. 20  
701 Double Tuberous-Rooted Mixed Flowers of elegant form and substance..... 25  
702 Frilled Tuberous-Rooted This is the finest strain of these beautiful tuberous-rooted begonias. Our Seed has been saved from selected, best frilled flowers, carefully hybridized and will produce magnificent flowers in all shades of red, rose, pink, salmon, orange, flesh, white, crimson... 25

## Everblooming Bedding Varieties

The following varieties take rank as bedding plants with geraniums and coleus, doing as well in full sunshine, as in partial or whole shade. They are of sturdy growth, forming dense bushes, which are completely hidden with flowers the entire season. As pot plants for winter flowering they are superb. Easily raised from seed.

- 705 Erfordia 8 to 12 in. A very pretty variety, densely covered with handsome flowers of a delicate rose color.. 15  
706 Gracilis Luminosa With large bright scarlet flowers and magnificent satiny brown-red foliage..... 20  
707 Semperflorens Atropurpurea Vernon Bright orange carmine flowers, deep red foliage..... 10  
708 Berna The foliage of this fine Begonia is very dark, flowers rather large for the semperflorens type and are of a bright carmine red; they are produced all summer in great abundance..... 15  
709 Lubeca Red The plants are of compact growth. The flowers are a brilliant carmine-red and are borne freely above the red-brown foliage. Planted with Vaughan's Alyssum Little Gem as an edging the effect is very distinct and pleasing. Blooms all summer..... 20  
710 Salmon Queen Brilliant salmony-red passing to salmony-rose; foliage dark green with reddish metallic hue.. 20  
711 Rex  $\triangle$  Ornamental leaved in splendid mixture.. 250 seeds 30

BELLIS PERENNIS Fl. Pl.  $\mathcal{L}$   $\odot$  Double Daisy. 6 to 8 in.

A low growing spring flowering plant, a companion to the pansy and forgetmenot. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years if left undisturbed. The poet's favorite.

- 720 Snowball Double pure white.....  $\frac{1}{8}$  oz 50c.. 10  
721 Longfellow Double dark pink.....  $\frac{1}{8}$  oz 50c.. 10  
722 Double Good Mixture.....  $\frac{1}{8}$  oz 25c.. 5  
723 Mammoth White Larger than Snowball.. 10  
724 Mammoth Pink Larger than Longfellow.. 10  
725 Mammoth Mixed.. 10  
726 Monstrosa White Flowers frequently attain the size of zinnias. The flower stems are long and stiff and almost as thick as a pencil..... 15  
727 Monstrosa Pink..... 15

- 730 BIDENS Atrosanguinea  $\odot$  2½ ft. Miniature Black Dahlia, or Black Cosmos. Produces an abundance of crimson-maroon flowers of velvety texture 4 in. in diameter. 5

- 732 BOCCONIA Japonica  $\mathcal{L}$  4 ft. Plume Poppy. Ornamental plant with cream color flowers, excellent for lawns and groups..... 5

- BRACHYCOME IBERIDIFOLIA  $\odot$  12 in. Swan River Daisy. Free flowering dwarf growing annuals, covered during the greater part of the summer with a profusion of pretty flowers; suitable for edging, small beds or pot culture.

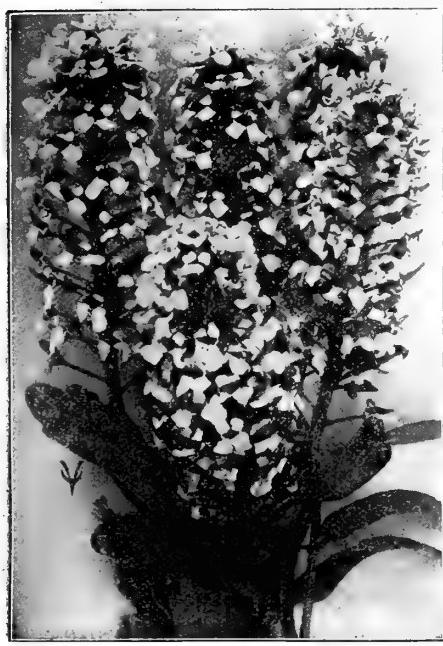
- White.....  $\frac{1}{8}$  oz 10c.. 5  
Pink.....  $\frac{1}{8}$  oz 10c.. 5  
Blue Especially attractive.....  $\frac{1}{8}$  oz 10c.. 5  
All Colors Mixed.....  $\frac{1}{8}$  oz 10c.. 5

- 744 BRIZA MAXIMA  $\odot$  12 in. Quaking Grass. Valuable for winter bouquets and wreaths. The seed clusters are heart shaped and gracefully poised on such slender stems that they are almost constantly in motion..... 5

- 745 BROWALLIA Speciosa Major Giant Blue  $\odot$  1 ft. With large deep blue flowers, excellent for pot culture..... 15  
Elatia Mixed..... 5



SPECIAL



CANDYTUFT



CALENDULA



CAMPANULA

748	<b>BRYONOPSIS Laciniosa</b>	⊖	§ 10 ft.	An ornamental climber of the gourd family, bearing green fruit which changes in color as the season advances to bright scarlet striped with white.....	Pkt
750	<b>CACALIA Mixed</b>	⊖	2 ft.	Pretty free blooming plants with tassel-shaped flowers; called by some Devil's Paint Brush.	5
752	<b>CALAMELIS Scaber</b>	⊖	§ 6 ft.	Pretty vine with orange-colored tube-shaped flowers.....	10
754	<b>CALANDRINIA Umbellata</b>	⊖	6 in.	Flowers dazzling magenta crimson $\frac{1}{2}$ in. in diameter, produced all summer.....	10
755	<b>CALCEOLOARIA Hybrida Grandiflora, Fine Mixed Pouchflower,</b>	⊖	1 $\frac{1}{2}$ ft.	Our seed is saved from the best European collection and will produce flowers of large size and of an endless variety of color.....	300 seeds.. 25

**CALENDULA** ⊖ 1 ft. Pot Marigold

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut-flowers and the dried blossoms may be used to flavor soups and stews.

766	<b>Officinalis Grandiflora Flore Pleno Orange King</b>	The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich, dark orange.....	$\frac{1}{2}$ oz 10c..
767	<b>Officinalis Sulphurea Flore Pleno, Sulphur Queen</b>	5	
768	<b>Officinalis Meteor Flora Plena Striped</b>	5	
769	<b>Pongei Flora Plena Double white</b>	5	
770	All Colors Mixed.....	$\frac{1}{2}$ oz 10c..	

**California Poppy** See Escholtzia.

**CALLIOPSIS** ⊖ 6 in. to 2 ft. Prettyface

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage dainty; useful combined with other flowers.

781	<b>Bicolor Nana, Golden Ray</b>	6 to 8 in.	Flowers golden yellow with dark purplish-brown center. The edges of the leaflets are turned down.....	10
782	<b>Drummondii, Golden Wave</b>	2 ft.	Flowers yellow with a circle of rich crimson-brown around the eye ..	5
783	<b>Hybrida Superba</b>	6 to 8 in.	Forms dense bushes desirable for pots, groups and borders.....	10
784	<b>Radiata Tigrinia, Tiger Flower</b>	6 to 8 in.	Flowers large reddish-brown, turning at the points golden-yellow, 10	
785	Dwarf Mixed.....	$\frac{1}{4}$ oz 10c..		
790	Double Mixed.....	$\frac{1}{4}$ oz 10c..		
795	All Sorts and Colors Mixed.....	lb. \$1.20; 1 oz 15c..		

800	<b>VAUGHAN'S SPECIAL MIXTURE</b>	This is without doubt the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it and we know it will give entire satisfaction.....	$\frac{1}{2}$ oz 30c..	10
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802	<b>CALLIRHOE Involucrata Poppy Marrow</b>	⊖	Large bright crimson flowers, trailing habit, adapts itself to rock work..	10
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**CAMPANULA Medium Canterbury Bells** ⊖ 3  $\frac{1}{4}$  ft. Pkt

Campanulas remain one of the prettiest of old garden plants. Their bell-shaped flowers in their delicate coloring make them the admiration of all.

816	<b>Medium, Single Mixed</b>	$\frac{1}{8}$ oz 10c..	5
818	<b>Medium, Double Mixed</b>	$\frac{1}{8}$ oz 10c..	5
820	<b>Medium, Double and Single Mixed</b>	5	
821	<b>Calycanthema Cup and Saucer. White</b>	5	
822	<b>Calycanthema Cup and Saucer. Pink</b>	5	
823	<b>Calycanthema Cup and Saucer. Striped</b>	5	
824	<b>Calycanthema Cup and Saucer. Blue</b>	5	
825	<b>Calycanthema Cup and Saucer. Mixed</b>	5	
828	<b>Carpatica Hairbell</b> ⊖ 9 in. Blue. Very pretty, low growing, free flowering.....	5	
830	<b>Carpatica Alba</b> White.....	5	
834	<b>Persicifolia Grandiflora Mixed</b>	10	
835	<b>Pyramidalis Mixed</b> White and blue.....	10	
836			

VAUGHAN'S SPECIAL MIXTURE OF PERENNIAL VARIETIES include all the above and many other desirable varieties not listed.....

838	<b>Speculum</b> ⊖ 10 in. Venus Looking Glass, fine for edging beds.....	5
840	<b>CANARY BIRD VINE</b> ⊖ § 15 to 20 ft. Clean, handsome foliage, with an abundance of bright canary-yellow blossoms; good rambler and fine for stumps, rockeries, etc.; excellent window vine for winter.....	$\frac{1}{2}$ oz 15c.. 5

**CANDYTUFT** ⊖

Candytuft will grow anywhere under all conditions and flower all summer. Good for cut-flowers and borders.

845	<b>Giant Hyacinth-Flowered White</b>	1 ft. The flower heads are of immense size, 6 in. long and 3 in. across, resembling a Dutch Hyacinth.....	10
846	<b>Odorata</b>	1 ft. Sweet scented white 2 oz 25c; 1 oz 15c..	5
848	<b>Snowflake</b>	7 in. Extremely free-blooming kind. The plants form very neat, round bushes, covered with the finest pure white flowers.....	10
850	<b>Queen of Italy</b>	8 in. This is probably the most beautiful of all. The plants form dwarf bushes which are covered with very large pink blooms.....	10
852	<b>Umbellata Carminea</b>	Carmine.....	5
854	<b>Umbellata Purpurea</b>	Crimson.....	5
856	<b>Umbellata Lilacina</b>	Lilac.....	5
860	All Colors and Types Mixed.....	1 lb. \$1.00; $\frac{1}{4}$ lb. 35c;	
862	1 oz 15c; $\frac{1}{2}$ oz 10c..	5	
864	<b>Gibraltarica</b> ⊖ Lilac shading off to white.....	10	
	<b>Sempervirens</b> ⊖ Pure white.....	10	

**CANNA** ⊖ 2  $\frac{1}{2}$  to 8 ft.

**Giant-Flowered Mixed** Few people know these tropical plants can be easily grown from seed and bloom the first summer if sown before April. Pierce the seed in one spot with a file and soak in luke-warm water for 24 hours before sowing. Named cannas do not come true from seed, so we only offer the seed in mixture.. 1 oz 35c;  $\frac{1}{2}$  oz 20c.. 10



VAUGHAN'S SPECIAL



CENTAUREA CYANUS—Vaughan's Special Mixture

## CARNATIONS ☺ ☻

The following will bloom from seed in 4 to 5 months:

910	<b>Chabaud Mixed</b>	A remarkable strain raised by a Carnation specialist in southern France. Blooms in 5 months after being sown, and continues to flower indefinitely in the greatest profusion.....	100 seeds..	Pkt
912	<b>Chabaud White</b>	50 seeds..	15	
914	<b>Marie Chabaud</b>	Pure canary yellow.....	50 seeds..	25
916	<b>Gold Finch</b>	Golden yellow scarlet marking.....	50 seeds..	25
918	<b>Glowing Coal</b>	Intense brilliant scarlet.....	50 seeds..	25
920	<b>Guillaud Riviera Market</b>	This fine Carnation has been obtained by careful selection from the Margaret. It will bloom the first summer, and if taken up in the fall the plants will bloom all winter.....	100 seeds..	25
925	<b>Giant of Nice</b>	Plants are very free flowering, colors varied, splendid kind for cut-flowers because the stems are long and strong.....	25	
930	<b>Giant Margaret Mixed</b>	The flowers are very large size, measuring 3 in. or more in diameter; the colors include all the shades of white, pink, crimson and striped. The plants grow upright requiring hardly any support, and their yield of flowers is wonderful.....	100 seeds..	15
931	<b>Giant Margaret White</b>	50 seeds..	50	
940	<b>Dwarf Margaret Mixed</b>	A strain similar to the above, but its habit of growth adapts it better for bedding purposes.....	100 seeds..	10
950	<b>Margaret Mixed</b>	All colors.....	1/8 oz 20e..	5
952	<b>Margaret White</b>	1/8 oz 30e..	5	
954	<b>Margaret Yellow</b>	1/8 oz 30e..	5	
956	<b>Margaret Pink</b>	1/8 oz 30e..	5	
958	<b>Margaret Striped</b>	1/8 oz 30e..	5	
960	<b>Margaret Red</b>	1/8 oz 30e..	5	
975	<b>VAUGHAN'S SPECIAL CARNATION MIXTURE</b>	This is a mixture of the best strains of the Giant Margaret, Malmaison and everblooming Chabaud Carnations. The plant will bloom the first summer and will produce many flowers equal to the best florist's Carnation. The plants may be lifted in September, potted and will bloom all winter in the house..	100 seeds	25

## CARNATIONS ☺ ¼

The following varieties will bloom the second summer from seed. Plants should be protected during the winter.

980	<b>Extra Choice Mixed</b>	Saved from a rich collection of named flowers and will produce fine varieties.....	10	
985	<b>Vienna Dwarf Mixed.</b>	Produces very double sweet scented flowers in the largest variety of colors and in the greatest profusion.....	1/4 oz 20e..	10
990	<b>Fine Double Mixed</b>	Sweet scented, large flowers 1 oz 15e..	5	
995	<b>Grenadin Red</b>	For yielding a quality of double red flowers there is no outdoor Carnation that can equal it ..	10	
996	<b>Grenadin White</b>	10		
	<b>Castor Beans</b>	See Ricinus.		
998	<b>CATANANCHE Coerulea</b>	¼ Blue, Cupid's Dart.....	10	
999	<b>CATANANCHE Coerulea Flore Albo</b>	White.....	10	



CELOSIA THOMPSONI MAGNIFICA

Our cultural directions on Flower Seed  
Packets are careful and complete.



CENTAUREA IMPERIALIS WHITE

## CELOSIA CRISTATA ☺ Coxcomb Dwarf Varieties 8 in. Pkt

These plants are extremely valuable for formal bedding. The flowers appear in the shape of coxcombs, hence the name, out of a rosette of green or brown leaves.

1010	<b>Cristata Nana President Thiers</b>	Crimson combs, dark leaves. Shown to its best advantage when combined with Golden Feverfew and Centaurea Candidissima	10	
1012	<b>Fire King</b>	Rich fiery orange scarlet.....	5	
1014	<b>Empress</b>	Blood red combs and brown foliage.....	10	
1016	<b>Aurea</b>	Golden yellow combs.....	5	
1018	<b>Rosea</b>	Pink combs.....	5	
1020	<b>DWARF Mixed</b>	All the above and others... 1/8 oz 30c..	5	

## Tall Feathered Varieties 2½ to 3 ft.

These stately plants are considered among the most ornamental, and should not be missed in any garden. They generally form pyramidal bushes branching out in candelabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage. Of easy culture.

1022	<b>Plumosa Aurea</b>	Orange ostrich plume.....	5	
1024	<b>Plumosa Coccinea</b>	Crimson ostrich plume.....	5	
1025	<b>Plumosa Mixed</b>	..... 1/4 oz 15c..	5	
1030	<b>Plumosa Thompsoni Magnifica</b>	A good strain of the Ostrich Plume Celosias.....	10	
1035	<b>Cristata Tall Coxcomb Mixed</b>	..... 1/4 oz 15c..	5	

1040	<b>CENTAUREA Americana Alba</b>	☺ 2½ ft. This native annual is known as the Star Thistle. It grows to a large size in one season and the immense heads of double fluffy blooms are quite as showy in flower borders as Hollyhocks. The color is almost pure white.... 1/8 oz 35c..	15	
1042	<b>Americana Mixed</b>	White and lilac.... 1/8 oz 30c..	10	

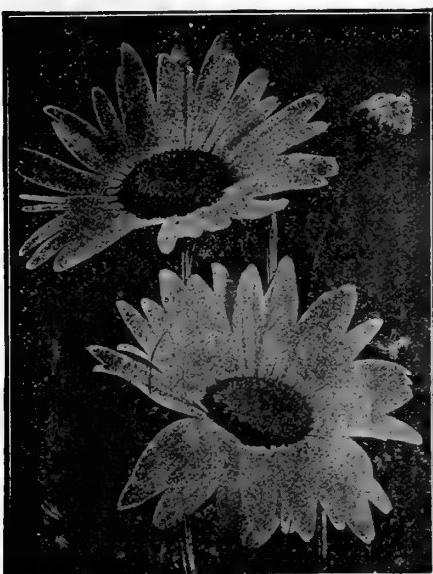
## CENTAUREA CYANUS ☺ Bachelor Button 2 ft.

Well known favorite found in nearly every garden. Also known as Blue Bottle, Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty. Re-seeds itself and may be used for naturalizing purposes with the English Scarlet Field Poppy.

1045	<b>Blue Emperor</b>	Single blue..... 1 oz 15c; 1/2 oz 10c..	5	
1050	<b>All Colors Mixed</b>	..... 1 oz 15c; 1/2 oz 10c..	5	
1060	<b>Double Mixed</b>	..... 1 oz 25c; 1/2 oz 15c..	5	
1062	<b>Victoria</b>	Dwarf, 9 in. For pots and edging. Azure blue 10		
1065	<b>Vaughan's Giant Sweet Sultan Centaurea Imperialis</b>	2½ ft. Mixed Strong bushy, plants, flowers fragrant, about twice the size of Centaurea Cyanus, ranging in colors from pure white through pink to purple.... 1/4 oz 20c..	5	

1068	<b>White</b>	..... 1/4 oz 25c..	10	
1069	<b>Moschata Mixed</b>	Sweet Sultan, white, red and blue.	5	
1070	<b>Suaveolens</b>	Yellow Sweet Sultan. 1 oz 35c; 1/2 oz 20c..	5	
1075	<b>VAUGHAN'S SPECIAL MIXTURE OF CENTAUREAS</b>	Is composed of all the annual centaureas, and a packet will produce the loveliest cut flowers all summer... 1 oz 50c; 1/2 oz 30c..	10	

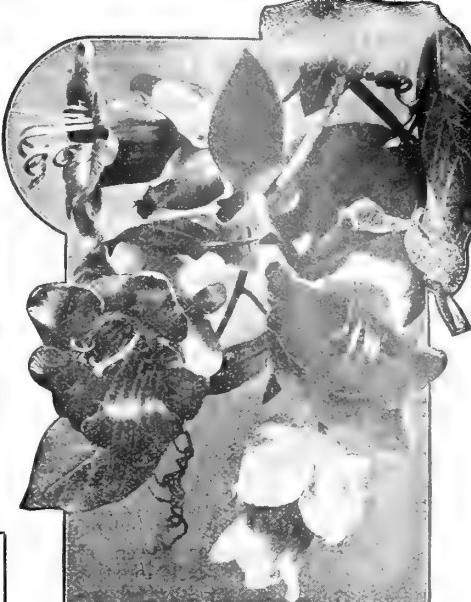
1078	<b>CENTAUREA Candidissima</b>	2 ft. Thick silvery white leaves, used for bedding purposes.....	10	
1080	<b>CENTAUREA Gymnocarpa, Dusty Miller</b>	10 in. Foliage finely cut of silvery gray color, used for bedding....	5	



CHRYSANTHEMUM MAXIMUM



COLEUS MAMMOTH RAINBOW



COBAEA VINE OR CATHEDRAL BELLS

## IN ORDERING FLOWER SEEDS

It is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety and price.

1082	CENTROSEMA Grandiflora	○	\$	10 ft.	Pea-like Pkt flowers, purple and white.	5
1084	CHELONE Barbata Torreyi	○	4 to 5 ft.	Sometimes called Turtle Head, excellent plant with long spikes of scarlet blossoms.	10	
1085	Hybrida Mixed				10	
1086	Lyoni 2 ft.	Pretty free flowering plants, preferring half shady moist situation. Flowers rosy purple in heads.	10			

## CHRYSANTHEMUM ANNUAL VARIETIES ○ 2 ft.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants, good for pot culture and quite distinct from the autumn flowering varieties.

1090	Carinatum Eclipse	Yellow with scarlet ring and dark brown disk	5
1092	Golden Feather	Foliage striking yellow; flowers white with a crimson ring near center.	5
1094	The Sultan	Crimson maroon.	5
1095	Silver Queen	12 to 15 in. Flowers pure white with a zone of clear bright yellow overlaid with silver.	10
1096	Dunetti Album Plenum	Double white.	5
1097	Dunetti Aureum Plenum	Double golden yellow.	5
1100	Coronarium Double Fine Mixed	1/2 oz 15c.	5
1102	Inodorum Plenissimum Bridal Robe	10 in. The sturdy little plants throw out their finely cut foliage from the base and deck themselves with a mantle of extra double pure white flowers. With their short, closely set petals they recall the finest forms of double daisies.	10
1105	Segetum Gloria	Morning Star, 18 in. Primrose with golden yellow center.	5
1108	Segetum Helios	Evening Star. Golden yellow.	5

1110	VAUGHAN'S SPECIAL MIXTURE OF ANNUAL CHRYSANTHEMUMS	Single and double sorts in finest mixture, including many new varieties not catalogued above.	1/2 oz 25c..	10
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The following are valuable for winter-flowering in pots.

1112	Frutescens	Paris daisy or Marguerite. Large white star-shaped flowers.	10
1114	Chinese and Japanese Varieties Mixed	If the seed is sown in February or March, and properly treated, the plants will bloom profusely next fall.	100 seeds

## CHRYSANTHEMUM PERENNIAL VARIETIES ○ 2 to 3 ft.

Perennial Chrysanthemums, especially the Shasta Daisies, have come to stay in our gardens. They are conspicuous in mixed beds or grown in front of shrubbery and as a cut flower are without equal. They are easily raised from seed and in our latitude are most successfully treated as a biennial.

1115	Shasta Daisies, in Finest Mixture	All different types and shades of white.	1/2 oz 40c..	10
1122	Maximum or Ox-Eyed Daisy	Pure white.	1/4 oz 15c..	5
1124	Uliginosum (Pyrethrum)	3 to 4 ft. From July to September it is literally covered by a multitude of daisy-like white flowers.	10	

1125	CINERARIA VAUGHAN'S COLUMBIAN MIXTURE	18 in. This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 9 in. in circumference and of the most brilliant colors. A plant frequently seen in the city park conservatories in early spring.	25	
1126	Hybrida Good Mixed		5	
1128	Maritima Diamond	For bedding. Not for flowers.	10	
1130	CLARKIA Elegans	○ Double and Single Mixed 1 oz 25c..	5	
1132	CLEMATIS	1/2 \$ Large Flowering Mixed Beautiful climber with lovely flowers, blue white and purple, etc. Hardy, can remain in permanent situation.	15	
1134	Paniculata	Beautiful fall flowering vine with white, sweet-scented flowers. Clematis seed germinates very slowly.	10	
1135	CLEOME PUNGENS	○ 5 ft. Spider Wort. A honey plant par excellence. Good for massing in front of shrubs; rosylilac flowers.	1 oz 45c; 1/2 oz 25c..	5
1136	CLIANTHUS DAMPIERI	2 ft. Glory Pea of Australia. Trailing clusters of bright red flowers with a jet black spot.	10	
1140	COBAEA Scandens-Cathedral Bells	○ \$ 30 ft. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and of a purplish-lilac when full grown. It is a very prolific bloomer and vigorous in vines and flowers. It is very free from insect pests.. 1/4 oz 15c..	5	
1142	Flore Albo	White.	10	
1145	Mixed	White and blue.	10	
1146	COCCINEA Indica	○ \$ 10 ft. With beautiful smooth, glossy, ivy-like leaves contrasting with the fine snow white bell-shaped flowers and brilliant carmine fruit.	10	
1148	COIX Lachrymae	○ 2 to 4 ft. "Job's Tears." The seed is used as an old-fashioned, but valuable remedy for sore throat, goiter and teething babies. It is strung on a linen thread and worn around the neck as a chain. We have an extra fine lot of white seed that may be used in making rosaries.. 1 lb 45c; 1/4 lb 15c; 1 oz 5c..	10	
1150	COLEUS VAUGHAN'S MAMMOTH RAINBOW MIXTURE	2 ft. The handsomest foliage plant obtained from seed. The leaves often measure 10 in. in length and 8 in. in width, heart shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellows in shades in the most delicate to nearly black. One of the easiest to grow from seed..	15	
1152	Fine Mixed		5	
1154	COLLINSIA Mixed	○ 18 in. All species are brightly colored and excellent for growing in patches or clumps; easily grown in any garden soil.	1 oz 25c..	5
	Columbine	See Aquilegia.		
1156	COMMELINA Sellowiana	1 ft. Plants are of graceful trailing habit, superb for carpet bedding or for hanging baskets. In pots it blooms every day in the year. In the garden from May until frost, showing daily scores of large winged butter-fly-like blossoms of dainty blue color..	10	

VAUGHAN'S  
SPECIAL

**CONVOLVULUS MAJOR** ☺ Morning Glory 15 ft. Pkt

The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers. Succeeds under almost all circumstances.

1160	<b>MAJOR White</b>	1/4 lb 20c; 1 oz 10c..	5
1162	<b>Crimson</b>	1/4 lb 20c; 1 oz 10c..	5
1163	<b>Striped</b>	1/4 lb 20c; 1 oz 10c..	5
1164	<b>Blue</b>	1/4 lb 20c; 1 oz 10c..	5
1165	<b>All Colors Mixed</b>	1 lb 60c; 1/4 lb 20c; 1 oz 10c..	5
1166	<b>Imported Collections</b>	8 varieties.....	20
1168	<b>Double Mixed</b>	The flowers are double and semi-double and some are fringed, which give an appearance of a double flower.....	1 oz 15c..

1169	<b>Mauritanicus.</b>	For hanging baskets, beautiful blue flowers.....	5
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1170	<b>Minor Tricolor Dwarf Morning Glory</b> 1 ft.	This plant should be better known. The flowers possessing all richness of color peculiar to the climbing morning glories. Grow very easily from seed.....	1 oz 15c..
		For other Morning Glories see Ipomoea.	5

1175	<b>COREOPSIS Lanceolata</b> 2 1/2 ft. Golden Glory.	A beautiful hardy sort blooming from seed the first year. Very large yellow flowers of great elegance. The plants are covered with flowers the entire summer.	1/4 oz 20c..
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1176	<b>Grandiflora Eldorado</b> 2 ft.	Compact bushy plants, flowers brilliant orange yellow, 3 in. in diameter, borne on stalks 15 to 18 in. in length.....	10
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**Cornflower** See Centaurea.

**COSMOS GIANT FLOWERED** ☺ 6 ft.

Autumn blooming plants of exceedingly graceful habit. The single star-like flowers range in color from white through pink to crimson. The feathery spring-green foliage well adapts it as a background for dwarfer flowers. If topped when half grown, the plants will bloom much earlier, the check seeming to induce immediate flowering.

1180	<b>White</b> "Pond Lily"	1/2 oz 15c..	5
1182	<b>Pink</b> "Pink Butterfly"	1/2 oz 15c..	5
1184	<b>Crimson</b>	1/2 oz 15c..	5

1185	<b>Klondyke</b>	A gorgeous orange-yellow variety with very handsome foliage more coarsely laciniated than other sorts.	10
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1186	<b>Lady Lenox</b>	The flowers are of extraordinary size, up to 6 in. in diameter; color shell-pink. The plants are of very vigorous growth.....	10
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1188	<b>Marguerite</b>	Fringed finest mixed.....	10
1189	<b>Striped</b>	Distinct and charming new class of flowers with large white centers, the petals being deeply striped with white.....	10

1190	<b>Giant Mixed</b>	1 oz 25c; 1/2 oz 15c..	5
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**COSMOS WOODSIDE EARLY FLOWERING**

This strain produces its flowers from July until frost. It grows and blooms in the greatest profusion in any soil. Grace, daintiness and brilliancy are the characteristics of this class. They are very pretty for vases and last often a week in the house when cut.

1195	<b>White</b> (Dawn)	10
1196	<b>Pink</b>	10
1198	<b>Crimson</b>	10

1200	<b>Early Flowering All Colors Mixed</b>	1/2 oz 30c..	10
	<b>Coxcomb</b> See Celosia.		

**CUPHEA Platycentra** ☺ Cigar Plant. 10 in. For pots and borders.....

**Purpurea** ☺ 1 1/2 ft. Dark red.....

**CYCLAMEN ALPINE VIOLETS** ☺ 1 ft.

This beautiful pot plant, flowering from seed the first year is well known, but the public does not realize the same may be successfully raised from seed with little care and patience.

**Persicum Mixed** Persian violet..... 20 seeds.. 10  
**Giant Flowered Mixed** 20 seeds 25c; 10 seeds.... 15  
**Orchidflowered Mixed** (Butterfly)..... 15 seeds 25

**English Varieties Mixed** ..... 10 seeds.. 25  
 For bulbs of the above see the bulb pages in this catalog.

**CYPERUS Alternifolius** ☺ 1 1/2 ft. Grows finely in water with rich soil or mud, throwing up long spikes with narrow green leaves, umbrella shape..... 10



COSMOS

**CYPRESS VINE** ☺ § 10 ft.

Fkt

For training upon a light ornamental trellis the Cypress Vine can not be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work.

1214	<b>White</b>	1/2 oz 15c..	5
1215	<b>Crimson</b>	1/2 oz 15c..	5
1220	<b>Mixed</b>	1/2 oz 10c..	5
1222	<b>Ivy Leaved Scarlet</b>	A rapid growing variety with deeply lobed, ivy-like leaves, and small fiery scarlet flowers.	5

**DAHLIA** ☺ 2 4 ft.

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate as easily and certainly as Zinnias, and from the very first development are strong, and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

1225	<b>Double Good Mixed</b>	1/4 oz 30c..	5
1226	<b>Double Best Mixed</b>		15
1228	<b>Double Cactus Flowered Mixed</b>	With twisted and curled petals.....	15
1230	<b>Single Giant Perfection Mixed</b>	This strain is a decided advance on ordinary single varieties. The plants are of strong robust habit, and produce in great abundance flowers of immense size, averaging 6 in. across, of the most bewildering variety of color.....	10
1232	<b>Exhibition Mixed</b>	A very choice selection from large single flowers, many with broad-edged petals in various colors.....	10
1234	<b>Burbank's Selection</b>	This seed is Mr. Luther Burbank's own saving. The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white mostly of the cactus type.....	25 seeds.. 25
1240	<b>VAUGHAN'S SPECIAL MIXTURE</b>	This mixture contains seeds from the best collections in Europe and embraces all the various strains of double-flowering Dahlias, such as Show, Pompon, Liliput and Cactus varieties, also the single flowering and striped sorts.....	60 seeds .. 25

For roots and started plants of the above, see the plant pages.





## DIANTHUS—VAUGHAN'S SPECIAL MIXTURE

## DATURA ◎ 3 ft. Angel's Trumpet

Pkt

Showy large branching plants bearing immense trumpet-shaped flowers.

1242	Cornucopia Horn of Plenty.....	10
1244	Double White.....	5
1245	Golden Queen.....	10
1260	Double Fine Mixed.....	1/4 oz 15c.. 5

## DELPHINUM or LARKSPUR

## Annual Varieties ◎

Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring. As the seedlings grow, thin them to a stand 6 to 18 in. apart, according to variety.

1265	Giant Hyacinth-Flowered Mixed 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. The colors are both brilliant and delicate.....	1/4 oz 15c.. 5
1270	Tall Rocket Mixed 2 1/2 ft. Throws up one single column of bloom.....	1/4 oz 10c.. 5
1275	Dwarf Rocket Mixed 1 ft.....	1/4 oz 10c.. 5
1278	Emperor Mixed Produces an abundance of long, slender flower spikes in the most delicate colors 1/4 oz 10c ..	5

## Perennial Varieties 2

The hardy varieties are of bewitching beauty in the perennial border or among shrubs. The brilliant flower spikes can be seen from quite a distance and are strikingly effective. If sown early many of the varieties will bloom the first year. The plants will bloom almost continually if the flowers are removed as they fade.

1282	Cashmerianum 15 in. Spreading, many branched; flowers often 2 in. wide, deep purplish blue in color....	15
1284	Caucasicum 1 1/2 ft. Magnificent sky blue flowers....	10
1285	Chinese Album Grandiflorum White. 2 ft. The stems have many lateral branches with large flowers ranging from pure white to deep indigo blue. Leaves deeply laciniated.....	1/8 oz 15c.. 5
1286	Chinese Azureum Grandiflorum Blue....	1/8 oz 15c.. 5
1288	Elatum Hybridum Single Fine Mixed 3 ft. 1 oz 40c..	5
1290	Elatum Hybridum Double Mixed.....	15
1292	Formosum 3 ft. Brilliant blue white center. 1/4 oz 25c..	10
1294	Formosum Coelestium Pillar of Beauty Charming delicate blue.....	10
1295	Formosum Giganteum A giant form of this most beautiful hardy Larkspur.....	25
1296	Nudicaule 1 ft. Dwarf brilliant scarlet flowers.....	20
1298	Sibiricum Hybridum 1 1/2 ft. Fine blue shades....	10
1299	Zalil Sulphur Yellow 3 ft.....	15

1300 VAUGHAN'S PERENNIAL MIXTURE This mixture is very valuable for its great variety in shades of color, which range from yellow to pure white; from the palest and most chaste lavender up through every conceivable shade of blue to deep indigo; and for the variety of size and form of their individual blooms.....



25

## DIANTHUS

## Barbatus Sweet William ◎ 2 ft.

Pkt

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown; and flowers the second year from seed.

1301	DOUBLE White (Albus Plenus).....	5
1302	Rose (Rosea Plena).....	5
1304	Blood Red (Atrosanguinea Plena).....	5
1305	Finest Mixed.....	1/4 oz 20c.. 5
1306	Giant-Flowered Mixed.....	10
1308	SINGLE Finest Mixed.....	1/4 oz 15c.. 5
1309	Giant-Flowered Mixed.....	10

1310 VAUGHAN'S SPECIAL MIXTURE A mixture of all the beautiful varieties here listed and others.

This is sure to please in the varied and unique coloring and markings of the flowers. If you plant but one perennial, plant this.



## Chinese and Japanese Garden Pinks ◎ 1 ft.

A popular annual variety known to nearly all. The flowers are distinguished for their brilliant, contrasting variety of colors appearing in each flower. The stripes and spots make the individual clusters stand out from the foliage very distinctly.

1312	Chinese Single Mixed.....	1/4 oz 10c.. 5
1315	Chinese Double Mixed.....	1/4 oz 10c.. 5
1316	HEDDEWIGI Single Crimson Belle	Velvety dark red.. 5
1318	Single Eastern Queen	Striped rose colored flowers.... 5
1320	Single The Bride	White with purple center.... 5
1325	Single Mixed	Great range of colors.... 1/4 oz 10c.. 5
1326	Double Diadem	Magnificent in color.... 1/4 oz 15c.. 5
1327	Double Fireball	Brilliant scarlet, compact, floriferous. 10
1328	Double Mourning Cloak	Blackish crimson flowers.. 5
1329	Double Snowball	Compact, fringed white flowers.... 10
1330	Double Mixed	Exquisite shading.... 1/4 oz 10c.. 5
1332	Laciiniatus Mirabilis Single Wonder Pink.	Flowers measure 3 to 4 in. in diameter.... 10
1334	Laciiniatus Mirabilis Flore Pleno, Double Wonder Pink.	10
1335	Laciiniatus Double Mixed	Flowers deeply lacinated, 5
1338	Imperialis Flore Pleno, Double Mixed	Strong bushy grower.... 1/4 oz 10c.. 5

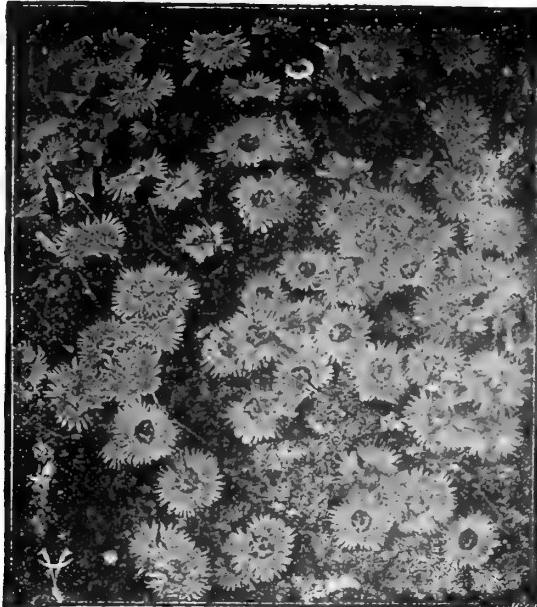
## 1340 VAUGHAN'S SPECIAL MIXTURE OF SINGLE PINKS

This is a selection from the choicest sorts in cultivation. The flowers are extraordinarily large, of handsome form, and embrace the most beautiful colors, ranging from white to the most delicate pink and deep glowing crimson. For beds and cut-flowers..... 1/4 oz 15c.. 10

1345	VAUGHAN'S SPECIAL MIXTURE OF DOUBLE PINKS	Selection of the best double pinks in cultivation. Flowers ranging in color through all the brightest and most brilliant shades, plain edged and fringed..... 1/4 oz 15c.. 10
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1350	VAUGHAN'S SPECIAL MIXTURE OF DOUBLE AND SINGLE PINKS	This magnificent mixture contains the cream of the Dianthus family, and unexpected results may be obtained by planting a package. We cannot recommend this mixture too highly..... 1/4 oz 15c.. 10
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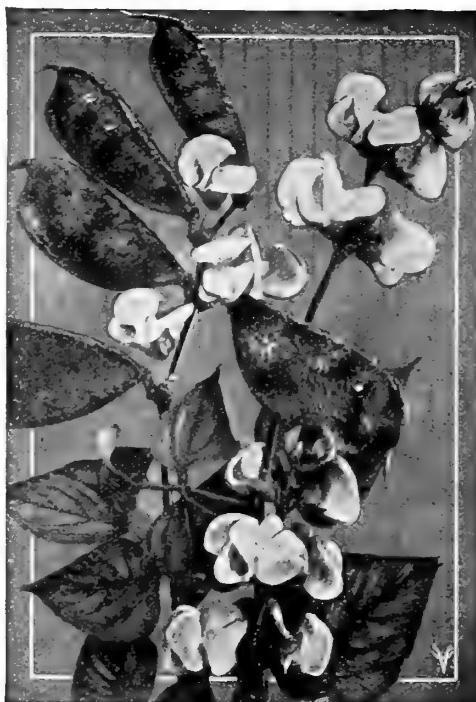




OLD-FASHIONED HARDY GRASS or CLOVE PINK



GLOXINIA-FLOWERED FOXGLOVE

HYACINTH BEAN (*Dolichos*)  
One of our best annual climbers

- Ⓐ **Annuals** These attain full growth from seed, flower and die the first year.  
Ⓑ **Biennials** These grow from seed the first year, bloom and die next, though some varieties bloom the first year if sown early.

## DIANTHUS

**PLUMARIUS** Clove or Grass Pinks  $\frac{1}{4}$  10 in.

These very desirable sweet-scented, low growing, early blooming and free flowering hardy garden pinks are unequalled for the border of beds, automobile drives, and the old-fashioned garden, and should be planted in quantities in any good garden soil with full sun and in an open situation.

1352	<b>Single Mixed</b>	Delicately fringed flowers... $\frac{1}{4}$ oz 10c..	5
1354	<b>Cyclops</b>	A new strain of great beauty. Flowers large, round, and produced in great abundance; colors exquisitely delicate; light rose, copper color, crimson and flesh predominating. A clove like odor adds to their attractiveness.....	$\frac{1}{8}$ oz 20c.. 10
1355	<b>Flore Pleno, Double Mixed</b> (Pheasant's Eye)	$\frac{1}{4}$ oz 20c..	10
1358	<b>Nanus Fl. Pl. Early Flowering Clove Pink</b>	The compact bushes are perfectly hardy and produce their flowers fully two weeks earlier than the older types. Their freedom of bloom is marvelous. Plants can be lifted and potted when in full bloom without injury.....	15
1360	<b>VAUGHAN'S SPECIAL MIXTURE OF CLOVE PINKS</b>	A charming mixture....	15
1362	<b>DICTAMNUS Fraxinella Mixed</b>	$\frac{1}{4}$ 3 ft. Gas plant, red and white.....	10
1364	<b>DIDISCUS Coeruleus</b> ⓒ	6 in. Blue flowers all summer....	5

**DIGITALIS** Foxglove ⓒ  $\frac{1}{4}$  3 to 5 ft.

Handsome ornamental hardy plants of stately growth. The seed, though small germinates readily and the plants succeed well even in poor soil if given a half shady location. The spikes are often 3 to 5 ft. long and thickly strung with scores of thin-bladed flowers.

1365	<b>Gloxiniaeflora Alba</b>	White, very handsome, flowers much like a gloxinia.....	10
1366	<b>Rosea</b> Rose.....	10	
1368	Mixed .....	$\frac{1}{8}$ oz 15c..	5
1369	<b>Grandiflora</b>	Bright yellow, distinct....	5
1370	<b>Maculata Iveryana</b>	Splendid spotted strain.....	5
1372	<b>Monstrosa Mixed</b>	Long spikes surmounted by one enormous flower, very odd.....	10
1375	<b>Purpurea Mixed</b>	Many colors.....	$\frac{1}{2}$ oz 15c.. 5
1380	<b>VAUGHAN'S SPECIAL MIXTURE</b>	Contains all the above and many others.....	$\frac{1}{4}$ oz 35c.. 15

1	<b>Greenhouse Plants</b> Start inside and cultivate in pots or else transplant outside when all danger of frost is over.	
2	<b>Perennials</b> These last for several years, blooming annually after the first season, though some varieties bloom the first year if sown early.	
3	<b>Stove Plants</b> To be grown inside all year. For pots only.	
4	<b>Climbing Plants</b> Climbers.	

1385	<b>Princess Helen</b> (Daylight)	Snow white flowers followed by silvery white seed pods.....	1 oz 15c..	5
1390	<b>Purple Soudan</b> (Darkness)	Dark vines with brilliant rose flowers, seed pods dark red.....	1 oz 15c..	5
1395	All Colors Mixed	..... $\frac{1}{4}$ lb. 40c; 2 oz 25c; 1 oz 15c..	5	
1398	<b>DRACAENA Indivisa</b>	△ 2 ft. Ornamental leaved plants; long narrow, green leaved foliage.....	10	
1400	<b>DRACOCEPHALUM Moldavicum</b> ⓒ	2 ft. Siberian Dragon Head. Good honey plant.....	1 oz 10c..	5
1402	<b>ECHEVERIA Mixed Hen and Chickens</b>	△ 4 in. Used largely in cemeteries for carpet bedding. Seeds very tiny.....	100 seeds 25c; 25 seeds	10
1404	<b>ECHINACEA Hybrida</b>	2 ft. 4 ft. The flowers are variously shaped. The colors dark red, rose, carmine and orange	15	
	<b>Echinocytis Lobata</b>	See Wild Cucumber.		
1406	<b>ECHINOPS Ritro</b> Globe Thistle	2 ft. Odd globe shaped, steel-blue flowers, fine among shrubbery and for cut-flowers. Good bee plant.....	10	
1408	<b>EDELWEISS</b>	2 ft. 8 in. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver white and star-shaped. Succeeds in almost any not too rich soil with full exposure to the sun.....	10	
1410	<b>ERIGERON Aurantiacus Hybridus</b>	2 ft. 1 ft. Large flowering hybrids of the orange daisy in great variety...	10	
1412	<b>ERYNGIUM Amethystinum</b>	2 ft. 2 to 3 ft. Handsome ornamental plants with finely cut, spiny foliage and beautiful thistle like heads of amethystine blue; fine for winter bouquets.....	10	
1414	<b>ERYTHRINA Crista Galli</b>	△ 4 ft. The Coral Tree, a fine greenhouse shrub, with scarlet flowers.....	10	

Order early, please; it helps you and it helps us



PERENNIAL GAILLARDIA



ANNUAL GAILLARDIA



ESCHOLTZIA—CALIFORNIA POPPY

Pkt

**ESCHOLTZIA California Poppy** ⊖ 1 ft.

The state flower of California. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain.

Pkt

1416	<b>Californica</b>	The original yellow. $\frac{1}{4}$ lb 35c; 1 oz 15c..	5
1418	<b>Carmine King</b>	Beautiful carmine rose color, both on the interior and exterior of the flower.....	$\frac{1}{2}$ oz 30c..
1420	<b>Compacta Erecta Dainty Queen</b>	The color is a pale coral pink, slightly deeper towards the edges, with a ground work of delicate cream.....	10
1422	<b>Golden West</b>	Flowers bright yellow and orange, penciled and blotched .....	$\frac{1}{2}$ oz 25c..
1424	<b>Mandarin</b>	Deep orange.....	5
1425	<b>All Colors Mixed</b>	Many shades. $\frac{1}{4}$ lb 35c; 1 oz 15c..	5
1426	<b>Double and Semi-Double Mixed</b>	.....	10
1428	<b>Maritima</b>	Canary yellow with orange center, leaves grayish and finely cut.....	5

1430	<b>VAUGHAN'S SPECIAL MIXTURE</b>	This mixture includes all the varieties here catalogued of the double and single sorts and is the most complete mixture of these charming annuals in existence.....	1 oz 40c; $\frac{1}{2}$ oz 25c..
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1432	<b>EUCALYPTUS Globulus—Blue Gum</b>	A native of Australia, introduced successfully into California.....	10
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1434	<b>EUPATORIUM Coelestinum</b> 2 ft.	One of the best blue perennials, and bears from August until frost an abundance of fluffy blue flowers; splendid for cutting...	10
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1435	<b>Fraseri</b> 1½ ft.	A very pretty dwarf variety producing clusters of snow-white flowers; fine for cutting and bouquets.....	10
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1436	<b>EUPHORBIA Heterophylla—Mexican Fire Plant</b> ⊖ 2 to 3 ft.	Annual Poinsettia resembling in habit and color the beautiful hothouse Poinsettia. The plants are of branching bush-like form, with smooth, glossy green leaves. About midsummer the center top leaves of each branch turn a vivid orange scarlet.....	$\frac{1}{4}$ oz 15c..
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1438	<b>Variegata—Snow on the Mountain or Mountain Spurge</b> 2 ft.	Remarkably distinct plant, very showy with its veined and edged white and green foliage. Planted to an advantage in clumps in shrubbery and the branches when cut may be used in mixed bouquets.	$\frac{1}{2}$ oz 15c..
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**1440 EVERLASTINGS Mixed** ⊖ 1 to 2 ft.....  $\frac{1}{4}$  oz 15c.. 10

For named sorts of Everlastings see Acroclinium, Ammobium, Gomphrena, Helichrysum, Rhodanthe and Xeranthemum.

**Feverfew** See Matricaria.

**Forget-me-not** See Myosotis.

**Four O'clock** See Mirabilis.

**Foxglove** See Digitalis.

**1445 FRAGARIA Indica—Trailing False Strawberry** 2 ft.... 10

**1446 FUCHSIA Hybrida, Double and Single Mixed** ↗ 1 to 4 ft. Ladies Eardrop. Well known greenhouse plant, will bloom from seed the first year if planted early..... 20

**GAILLARDIA (Blanket Flower) Annual Varieties** ⊖ 1½ ft.

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain.

**1448 picta Single Mixed** .....  $\frac{1}{4}$  oz 15c.. 5**1450 Lorenziana Double Perfection Mixed** .....  $\frac{1}{4}$  oz 20c.. 5**GAILLARDIA Perennial Varieties** 2 ft.

These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. Do best if treated as biennials.

**1452 Grandiflora Mixed** .....  $\frac{1}{4}$  oz 20c.. 10

**1455 Kelways Hybrids** This is to our knowledge the choicest strain in Gaillardias. The flowers are of enormous size, and the colors most varied. Our seed is from Kelway direct..... 25

**1456 Maxima Kermesina Splendens** Rich crimson center with a border of canary yellow..... 10**1458 Sulphurea Oculata** The color is a pale sulphur yellow with a bright maroon eye, giving the flowers a very distinct appearance..... 10

## TESTIMONIAL

DUBUQUE, IOWA.

VAUGHAN'S SEED STORE, Chicago.

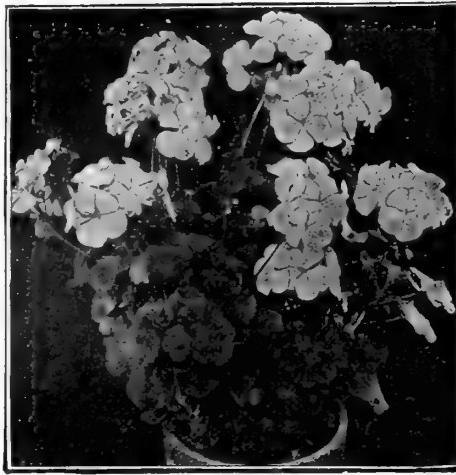
This year I received catalogues from several seed houses, but as I have been getting seeds from you so long (about 20 years) and have been so very well satisfied with them I did not try any others, nor do I think I ever will so long as Vaughan's Seed Store is anywhere where I can find it.

Respectfully,

LOU BUETELL.



GODETIA



GERANIUM



GOURDS ⓠ \$ 20 ft.

1460 **GALEGA Officinalis—Goats Rue**  $\frac{1}{2}$  2 ft. Light blue Pkt  
pea-shaped flowers in showy racemes.....

5

1462 **GAURA Lindheimeri** ⓠ 3 ft. A graceful plant bearing numerous spikes of rosy white flowers from July until frost. This is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc.; giving an air of grace to what would otherwise be stiff. 5

1464 **GENTIANA Acaulis**  $\frac{1}{2}$  4 in. Gentian, intense blue flowers with five yellow marks..... 10

## GERANIUM △ 1 to 2 ft.

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

1465 **Zonale Varieties** Saved from the choicest collections.. 10  
1466 **Large Flowering, Newest Varieties Mixed** choicest strains..... 15

1467 **Apple-scented** Leaves fragrant..... 25 seeds.. 10

1468 **Lady Washington** (Odier) Large flowering, beautifully blotched..... 25 seeds.. 20

1469 **GEUM Coccineum Plenum**  $\frac{1}{2}$  1½ ft. Flowers are double bright scarlet in color and last well when cut. Very large and profuse bloomer. Elegant for bouquets. 10

1470 **Heldreichi** Beautiful orange flowers produced very freely..... 10

1471 **GILIA Mixed** ⓠ 1 ft. Free blooming, fine for beds, rockeries or lawns..... 1 oz 20c.. 5  
**Gilliflower** See Stocks.

1472 **GLAUCIUM Luteum—Horn Poppy** ⓠ 3 ft. Yellow flowers, gray foliage..... 5

**Globe Amaranth** See Gomphrena.

1475 **GLOXINIA HYBRIDA GRANDIFLORA VAUGHAN'S INTERNATIONAL MIXTURE** △ 12 in. Magnificent house blooming plants, with handsome bell-shaped flowers in the diversity of the richest colors. Our International Mixture contains the finest European strains..... 25



1476 **Fine Mixture**..... 10

## GODETIA ⓠ 1½ ft.

Remarkable for their widely opened flowers of satiny texture and delicate and lovely shades of color, fine for shady places.

1478 **Many Sorts and Colors Mixed**.....  $\frac{1}{4}$  oz 10c.. 5

1479 **Dwarf Sorts Mixed** Neat globular bushes about 10 in. in height.....  $\frac{1}{4}$  oz 15c.. 5

**Golden Feather**, see Pyrethrum.

1480 **GOLDEN ROD**  $\frac{1}{2}$  2 ft. American National Flower..... 5

1482 **GOMPHRENA Globosa Mixed** ⓠ 2 ft. Globe Amaranth. Clover-like heads everlasting.....  $\frac{1}{4}$  oz 10c.. 5

These are desirable in many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 feet in a season and the blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls.

1485 **Apple-shaped** Beautifully striped..... 5

1486 **Bottle** The original Thermos bottle. Used by the pilgrims in the orient..... 5

1487 **Calabash or Pipe Gourd** Odd-shaped fruit which is used to an advantage in making pipes. A native of South Africa..... 10

1488 **Dipper** Makes an excellent dipper..... 5

1490 **Dishcloth or Towel** Many women prefer a dishcloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left..... 5

1492 **Hercules Club** Fruit grows 3 to 4 ft. long..... 5

1494 **Horned African Cucumber** Warted and horned fruit. 5

1495 **Japanese Nest Egg** Fruit looks exactly like hens eggs and may be used as nest eggs..... 5

1496 **Orange** The well known Mock Orange..... 5

1498 **Ornamental Pomegranate** or Queen's Sweet Pocket melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens..... 5

1500 **Pear Shaped** Striped yellow and green..... 5

1502 **Sugar Trough** Thick shells very durable..... 5

1504 **Spoon** Small ball shaped fruit with slender necks, richly colored, deep orange, whitish and dark olive green. By slicing off a part of the side of the bowl a satisfactory spoon may be made..... 5

1505 **Turk's Turban** Odd brightly colored fruit..... 5

1506 **Small Fruited Varieties Mixed** 1 oz 25c;  $\frac{1}{2}$  oz 15c.. 5

1510 **All Varieties Mixed**..... 1 oz 25c;  $\frac{1}{2}$  oz 15c.. 5

1512 **Imported Collection** 12 Varieties ..... 30

1514 **Imported Collection** 6 Varieties ..... 20

1515 **GRASSES Ornamental Mixed** ⓠ 2 to 5 ft. These are most useful for winter bouquets; enormous quantities of them are annually grown in Germany and exported to the United States, where they are made up into bouquets with Everlasting flowers. They are easily grown in any soil..... 10

1520 **GREVILLEA Robusta—Silk Oak** △ 1 to 5 ft. It is easy to manage, grows rapidly from seed, and is pretty in all stages of growth; with its long drooping silky foliage it reminds one of a palm or fern. Makes a fine plant for the center of fern dishes..... 10



DOUBLE HELIANTHUS or SUNFLOWER



HOLLYHOCK VAUGHAN'S PRIZE



VAUGHAN'S MAMMOTH HELIOTROPE

From Seed Sown in Spring

1522	GYPSOPHILA Elegans Grandiflora Alba—Angel's Breath	Angel's Pkt
	○ 2 ft. This is an improved, large-flowering, pure white form of the annual Angels Breath, of free, easy growth. Several sowings should be made during the season to keep up a supply. Combined with sweet peas they make pretty bouquets.	½ oz 10c.. 5
1524	Elegans Rosea Soft Pink	½ oz 10c.. 5
1525	Muralis 6 in. Dwarf pink good for edging	5
1530	Paniculata ¼ 2 ft. Baby's Breath. White flowers, smaller than the annual varieties, producing a veil-like mist over the plant	5

## HELIANTHUS (Sunflower) ○

The state flower of Kansas. Remarkable for its stately growth and decorative effect in the garden. The old original Mammoth Russian variety now has a numerous company showing various traits. Some are dwarf, some double, some single and the leaves are gray and green. Excellent for cutting. The flowers may be bunched in great bowls for bold porch decoration. Should be planted with discrimination in every garden.

1532	Annus Pallidus Plenissimus	5 ft. Double sulphur yellow	10
1534	Argyrophyllus	4 ft. Handsome silvery foliage, single bright yellow flowers enhanced by a black disk, perfect pyramidal growth. A specimen plant will attain the shape of a Christmas tree, the flowers having the effect of candles.	5
1535	Californicus Fl. Pl.	5 ft. Double dark yellow. 1 oz 10c.. 5	5
1536	Double Chrysanthemum Flowered	6 ft. Golden yellow flowers	5
1537	Globosus Fistulosus Fl. Pl.	6 ft. Double globe or dahlia sunflower. Flowers a rich saffron color	5
1539	Nanus Flore Plena	2½ ft. Double dwarf, beautiful for massing in beds	5
1540	Russian Mammoth	Single of gigantic dimensions both flowers and stalk. For larger amounts see Farm seed pages	1 oz 5c..
1545	VAUGHAN'S SPECIAL MIXTURE	of all the single and double sunflowers	1 oz 25c.. 10

1550 HELICHRYSUM Monstrosa Flore Plena Mixed ○ 2½ ft. Everlasting Strawflower. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. ½ oz 20c.. 5

1555	HELIOTROPE Mammoth Mixed	2 ft. Deliciously fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Blooms from seed the first summer if sown early in the spring. Excellent for cutting and splendid for bedding when combined with geraniums and fuchsias.	10
1560	Fine Mixed	5	5
1562	HESPERIS Matronalis Mixed	○ 2 ft. Sweet Rocket. Fragrant purple and white flowers	5
1565	HEUCHERA Sanguinea	¼ 1 ft. Slender wiry stems with innumerable tiny crimson blossoms	10
1570	HIBISCUS Crimson Eye	¼ 4 ft. These immense flowers of pure white, with a large crimson eye, often measure 7 in. in diameter, and a plant will often have as many as fifty of them. It blooms from seed the first year, sown in the open ground	5
1575	Golden Bowl	Deep cream with a velvety maroon center	10

## HOLLYHOCK Annual Varieties ○ ¼ 5 ft.

Perennial plants of stately growth which will flower from seed the first year. The blossoms are set as double and semi-double rosettes around the flower stalk in almost every color. Makes a charming hedge or back ground. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy for it, but a great deal can be done towards preventing it and reducing the damage by spraying the plants with Bordeaux mixture. Spraying should commence as soon as the leaves show above the ground, and should be continued until the flowering season, at intervals of two weeks.

1880	Allegheny	Semi-double flowers with frilled edges.	¼ oz 25c.. 10
1882	Everblooming Single Mixed	Large single flowers exhibiting every shade known in Hollyhocks	½ oz 25c.. 5
1885	Double Mixed	Double and semi-double	¼ oz 20c.. 10

## HOLLYHOCK Perennial Varieties ○ ¼

Are at their best if treated as biennials.			
1886	DOUBLE White		½ oz 30c.. 10
1888	Yellow		½ oz 30c.. 10
1890	Salmon		½ oz 30c.. 10
1892	Pink		½ oz 30c.. 10
1894	Deep Rose		½ oz 30c.. 10
1895	Crimson		½ oz 30c.. 10
1896	Blood Red		½ oz 30c.. 10
1898	Black		½ oz 30c.. 10
1899	Good Mixed	Extremely double strains	¼ oz 20c.. 5
1900	VAUGHAN'S PRIZE MIXTURE	The finest shades and perfectly double flowers.	
1905	Single Mixed		½ oz 25c.. 10
	For roots, see Plant pages.		½ oz 20c.. 5
	Honesty, see Lunaria.		

If you have not tried it, plant a few bulbs next fall; remember how nice your neighbor's garden looked early this spring.



WHITE MOONFLOWER

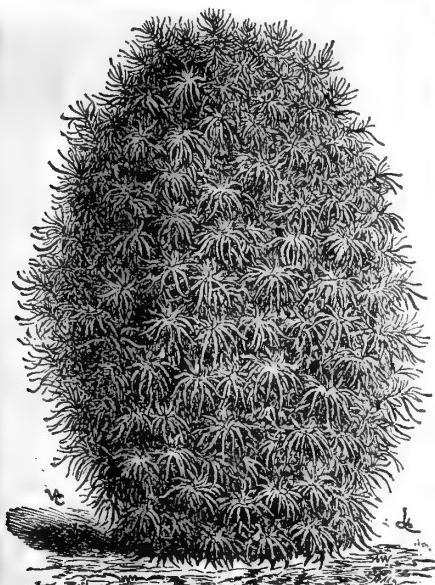


VAUGHAN'S JAPANESE MORNING GLORY

1910	<b>HUMULUS Japonicus-Japanese Hop</b> ○ § 20 ft. One Pkt of the most rapid growing ornamental climbers, green-leaved.....	1/4 oz 10c	5
1915	<b>HUMULUS Japonicus-Fol. Var.</b> — Variegated Japanese Hop. There is no hardier climbing vine than the Japanese Hop and for constant resistance to drouth or insects it has no equals. This sort possesses all the good qualities of its parent, and in addition has beautifully variegated foliage splashed and streaked with white....	1/4 oz 10c	5
1916	<b>HUNNEMANNIA Fumariaefolia—Bush Escholtzia</b> ○ 1½ ft. The plants grow into a shrubby bush and produce their large cupshaped flowers 3 in. across on stems 12 in. long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks.....	1/4 oz 20c	5
	<b>Hyacinth Bean</b> See Dolichos.		
1918	<b>ICE PLANT</b> ○ 6 in. Suitable for rock work, hanging baskets, etc. Foliage thick, frosted and wax-like....		5
1920	<b>IMPATIENS Holstii Hybrids—Zanzibar Balsam</b> △ ○ 1½ ft. One of the prettiest plants for pot culture and also for out-door planting in a half-shaded situation. Remarkable for its long duration of bloom. It is very charming for winter blooming. They range in color from pink through the red shades to purplish violet.....		15
1922	<b>IMPATIENS Sultani</b> Rosy flowers, glossy green foliage..	10	
1925	<b>INCARVILLEA Grandiflora</b> ¼ 2 ft. Likes a sunny situation, produces spikes of elegant Gloxiniaeflora-like flowers. Finely cut foliage.....	20	
1928	<b>INULA Glandulosa Grandiflora</b> ¼ 2½ ft. Peculiar yellow flowers composed of narrow wavy petals.....	10	
1930	<b>IONOPSIDIUM Acaule</b> ○ 3 in. A charming little plant for pot culture. Seeds sprinkled in a pot will bloom in a month	5	
1932	<b>Bona Nox. Evening Glory</b> Violet flowers, large and fragrant.....	1 oz 25c	5
1934	<b>Coccinea. Star Ipomoea</b> Small scarlet flowers in great profusion.....	1 oz 20c	5
1935	<b>Mexicana Grandiflora Aiba—White Moon Flower</b> Covered with large white flowers every evening and cloudy day. Seeds should be started inside.	1/2 oz 25c	10
1936	<b>Mexicana Grandiflora, Giant Pink</b> Soft lilac pink flowers.....	1/2 oz 30c	10
1938	<b>Imperialis Japanese Morning Glory, Fine Mixed</b> .....	1 lb \$1.00; 1/4 lb 35c; 2 oz 25c; 1 oz 15c; 1/2 oz 10c	5
1940	<b>VAUGHAN'S SPECIAL MIXTURE OF JAPANESE MORNING GLORIES</b> The variety of color is infinite, running from snow white through all possible shades of blue and red from palest pink to darkest reds and purples. Flowers are streaked, marbled, mottled, striped and bordered in wonderful fashion and sometimes show rare markings of ash gray, bronze, terra cotta, brown and slate-blue, colors rarely found in any other flower. The leaves are also very handsome; some are ivy-like, others are heart-shaped, some are rich green, while others are streaked and marbled with white and silver or yellow; others with choicest flowers, have rich golden leaves.....	1 lb \$3.00; 1/4 lb \$1.00; 1 oz 30c; 1/2 oz 20c	10
1942	<b>Leari</b> Satiny blue with crimson bars. A good greenhouse climber.....	1/4 oz 25c	10
1944	<b>Rochester</b> Flowers 4 to 5 in. across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edges. Foliage extremely vigorous.....	1/2 oz 30c	10
1945	<b>Rubro-Coerulea, Heavenly Blue</b> Sky blue flowers in great abundance.....	1/2 oz 35c	10
1946	<b>Setosa or Brazilian Morning Glory</b> Rosy-pink flowers. It presents a remarkable appearance, branching in all directions and intertwining so as to make it impenetrable to the sun's rays.....	1 oz 25c	5
	For other Morning Glories see Convolvulus		

Notice the new signs we use to distinguish the class to which the varieties so prefixed belong. There are only six of these and they are easily remembered.

VAUGHAN'S  
SPECIAL

**KOCHIA, OR BURNING BUSH**

**1948 IRIS Kaempferi**  $\frac{1}{2}$  2½ ft. The beautiful Japanese Iris in splendid mixture 10 Pkt  
For immediate results get roots of Japanese Iris. See list on plant pages  
**Job's Tears** See Coix Lachrymae.  
**Kenilworth Ivy** See Linaria.  
**Kudzu Vine** See Pueraria.

**1950 KOCHIA Tricophylla** ○ 2½ ft. Summer Cypress or Burning Bush. Forms dense bushes of cypress like appearance. During the summer they remain light green and in early fall they change to carmine and blood-red.

**1952 LANTANA Hybrida Mixed**  $\triangle$  2 ft. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer. ½ oz 15c. 5

**Larkspur** See Delphinium.

**LATHYRUS LATIFOLIUS**  $\frac{1}{2}$  § 8 ft.  
Everlasting or Hardy Sweet Peas

They have not the fragrance of the Sweet Peas, but bloom through a long season, are hardy and will live for years.

1954 **Latifolius** Purplish red..... ½ oz 15c. 5  
1956 **Albus** White..... ½ oz 25c. 10  
1958 **Pink Beauty** Bright rosy-pink..... ½ oz 15c. 5  
1960 **Mixed**..... ½ oz 15c. 5

**1962 LEPTOSIPHON Hybrids Mixed** ○ 6 in. It makes dense turf of fine foliage, covered with pretty little flowers, good for edging..... ½ oz 20c. 5  
**Levkogen** See Stocks.

**1965 LINARIA Cymbalaria—Kenilworth Ivy**  $\frac{1}{2}$  Flowers lavender and purple. A charming, small, hardy perennial trailing plant suitable for baskets, vases, pots and rock work..... 5

**1970 LINUM Grandiflorum Rubrum—Crimson Flax** ○ 2 ft. Fine foliage, delicate stems with brilliant scarlet flowers of long duration..... 1 oz 15c. 5

**1972 Flavum**  $\frac{1}{2}$  9 in. Yellow flax..... 10  
**1973 Perenne Mixed** 1½ ft. White and blue. The flowers are produced on long wiry branches at the tips and with such airy grace they appear to be floating in the air..... 5

**LOBELIA ERINUS** ○

These are charming little plants covered with numerous, small blossoms all summer. They flower from seed the first year. The dwarfer varieties are used to an advantage in edging beds and in pots, the trailing ones for hanging baskets and massing. The blossoms in all sorts are particularly bright in appearance.

**1975 Erinus Alba** 1 ft. Pure white, tall..... ½ oz 10c. 5  
**1976 Gracilis** Light blue flowers, light green foliage trailing..... ½ oz 10c. 5

**LINUM GRANDIFLORUM RUBRUM****LYCHNIS CHALCEDONICA****LOBELIA ERINUS** ○

Pkt

**1978 Hamburgia** Large flowering dark blue, for hanging baskets, new..... 10

**1980 Speciosa** True, dark blue, dark foliage, good for hanging baskets 5

**1985 Compacta Crystal Palace** 6 in. Deepest blue, dark foliage..... 10

**1990 Compacta Emperor William** Clear sky blue with green foliage 5

**Pumila Rosea** Dwarf pink... 5

**1992 Bedding Queen** Dwarfest, best Flowers deep purplish violet with clear white eye..... ½ oz 25c.. 10

**1995 Mixed Colors**..... ½ oz 15c.. 5

**1998 Cardinalis—Cardinal Flower**  $\frac{1}{2}$  4 ft. A native perennial, forming long spikes thickly set with bright crimson flowers..... ½ oz 30c.. 5

**2000 Cardinalis Queen Victoria Hybrids** Large flowers in shades of rose, red, lilac and purple..... 25

**2002 LOPHOSPERMUM Scandens** ○ § 10 feet. Showy, rosy, purple Foxglove-like flowers..... 10

**Love-in-the-mist** See Nigella.

**2004 LUNARIA Biennis** ○ 2 ft. Honesty, admired for its silvery seed pouches, which are used for house ornaments; beautiful and curious. Mixed colors..... 5

**LUPINUS**

**2005 Tall Annual Varieties Mixed** ○ 2 ft. Ornamental, free flowering, easily grown, with long graceful spikes of rich and variously colored pea-shaped flowers; valuable for mixed flower borders and beds..... 1 oz 15c. 5

**2006 Dwarf Annual Varieties Mixed** 1 ft..... 1 oz 15c.. 5

**2010 Polyphyllus Mixed**  $\frac{1}{2}$  4 ft. Showy perennials, growing stout and erect, and producing long racemes of pea-like flowers in great variety of colors..... 5

**2015 LYCHNIS Chalcedonica**  $\frac{1}{2}$  2 ft. Burning Star. Flowers which are of the most fiery red imaginable, appear in clusters, each individual blossom forming a perfect maltese cross. Will bloom from seed the first year..... ¼ oz 10c.. 5

**2016 Haageana** 1 ft. Large flowered brilliant deep scarlet. 10

**2018 Haageana Hybrida** Unusual colors, white, rose, vermillion, brilliant orange, scarlet and crimson..... 5

**2020 LYTHRUM Roseum Superbum**  $\frac{1}{2}$  3 ft. A native perennial, good for massing, flowers rosylilac produced on long slender spikes. 10



MARIGOLD—DOUBLE TALL AFRICAN

Special Mixture



MARIGOLD LEGION OF HONOR

The Marigolds are old favorite, free-flowering annuals of easy culture. They light the garden with a glitter of yellow far into the frosts of autumn. The tall varieties have uniformly large yellow or orange colored flowers, and are well adapted for large beds or mixed borders. The dwarf varieties make a fine border for the taller sorts, and both are effective when planted in groups or in the garden borders.

## Tall Varieties 5 ft.

		Pkt
2022	Eldorado Extremely large and imbricated double flowers in yellow shades.....	1/4 oz 10c.. 5
2024	Lemon Queen.....	5
2025	Orange Queen.....	5
2026	Tall African Mixed Large double flowers..	1/2 oz 15c.. 5
2028	Tall French Mixed Large bushes covered with a multitude of small double flowers.....	1/2 oz 15c.. 5
2029	Imported Collection Tall African, 6 Colors.....	20
2030	VAUGHAN'S SPECIAL MIXTURE OF TALL MARIGOLDS Includes the best colors and is made up from separate sorts. Give this a place in your garden if you wish flowers when all others have failed.....	1/4 oz 20c.. 10



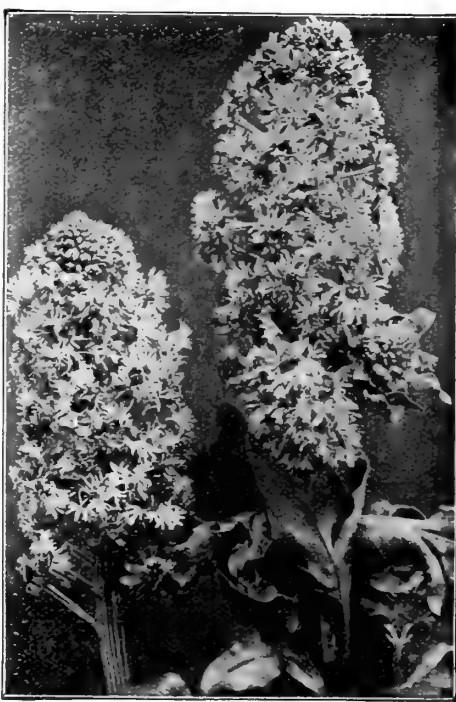
## Dwarf Sorts 10 in.

2032	Aurora Double, clear soft yellowish-pink, very distinct and peculiar, new color.....	5
2034	Electric Light Double sulphur-yellow, brown-red stripes and spots.....	5
2035	Gold Striped Double velvety maroon, striped gold..	5
2036	Legion of Honor Single, flowers rich golden yellow, marked with velvety brown, best for edging..	1/2 oz 15c.. 5
2038	Silver King Single, light sulphur-yellow with brown spots.....	5
2040	Dwarf French Double Mixed Low bushes covered with small flowers.....	1 oz 25c; 1/2 oz 15c.. 5
2042	Dwarf African Mixed (Pride of the Garden) 15 in. Immense double flowers golden yellow, compact dwarf habit, forming dense bushes.....	1/2 oz 15c.. 5
2044	Imported Collection Dwarf French 6 varieties.....	20
2045	VAUGHAN'S SPECIAL MIXTURE OF DWARF MARIGOLDS These dwarf compact strains are very attractive, each plant being covered with hundreds of small bright flowers. This mixture is made up of separate colors especially purchased for this mixture.....	1/4 oz 20c.. 10

Pot Marigold See Calendula.

Marvel of Peru See Mirabilis.

2046	MARTYNIA Formosa ○ 1 1/2 ft. Peculiar seed pods shaped like antelope horns.....	5
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MIGNONETTE GIANT MACHET

## MATRICARIA

Pkt

2047	Alba Plenissima ○ 3 ft. Feverfew. Neat, small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climates, but in our latitude are treated best as biennials or annuals.....	10
2048	Eximia Golden Ball 1 ft. Of compact habit, suitable for edging, with very striking double yellow flowers..	10
2050	MATTHIOLA Bicornis ○ 15 in. The Evening Scented Stock has no beauty to recommend it, the flowers being dull purplish-lilac, but it is well worth growing for the charming fragrance which it emits during the evening.	5
2052	MAURANDIA Mixed ○ \$ 10 ft. Abundant bloomer and very desirable for greenhouse and garden. Colors range through white, rose, blue and purple.....	10
2054	MELOTHRIA Punctata ○ \$ 10 ft. Gooseberry shaped fruit.....	5

## MIGNONETTE ○ 6 to 12 in.

No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

2055	Bismarck The red flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct being crinkley, while its odor is strong and most delicious.....	1/8 oz 15c.. 10
2056	Gabriele Very sweet; spikes very thick; one of the best for out of doors.....	1/4 oz 15c.. 5
2058	Goliath Fine pyramidal bushes, foliage rich green, contrasting strikingly with the bright red flowers. Flower stalks tall and strong, spikes often 7 in. long by 2 in. in diameter.....	1/8 oz 15c.. 10
2060	Grandiflora Large-Flowered... 1/4 lb 25c; 1 oz 10c.. 5	5
2062	Machet It is the best Mignonette for all purposes either outside or inside. It is an ever bloomer, the flowers lasting until late in the fall. Our seed is grown with the most scrupulous care and it gives entire satisfaction.....	1/4 oz 25c.. 10
2064	New York Market This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower. 250 seeds..	25
2065	Parson's White Distinct, almost white.... 1/4 oz 15c.. 5	5
2066	Pyramidal Large-Flowering Tall growing variety splendid for cutting.....	1/8 oz 15c.. 5
2070	Mixed Many shades and types.. 1 oz 15c; 1/2 oz 10c.. 5	5



NIGELLA—MISS JEKYLL



FOUR O'CLOCKS



NICOTIANA—TOBACCO PLANT

We include free in all orders packages of new flower and vegetable seeds for trial. We would like to hear what you think of them.

2072	<b>MIMOSA</b> <i>Pudica</i>	○ 1 ft. Curious and interesting, Pkt pinkish-white flowers; the leaves close and droop when touched or shaken.....	1/4 oz 15c..	5
2274	<b>MIMULUS</b> <i>Tigrinus</i> , Single Mixed	○ 10 in. Queen's Prize. Monkey Flower. Dwarf bushy plants, with large gloxiniaeflora-like flowers ranging in color through white, pale yellow, golden, flesh, rose, crimson and maroon; handsomely blotched and striped. The color contrasts in the individual blossoms are unequaled among flowers.....	1/8 oz 25c..	5
2275	<b>Tigrinus</b> Fl. Pl.	Double Monkey Flower mixed.....	10	
2276	<b>Moschatus</b> Musk Plant	Musk scented leaves, tiny yellow flowers.....	5	
2278	<b>MINA</b> <i>Lobata</i>	○ § 12 ft. A climber of luxurious growth with tube-shaped flowers, produced in greatest profusion. In color they are particularly attractive, the buds being first bright red, but changing through orange yellow to creamy white when fully expanded.....	1/4 oz 30c..	10
2279	<b>Sanguinea</b>	20 ft. The leaves resemble oak leaves, and the flowers are borne in large clusters, blood-red with a yellow throat.....	1/2 oz 15c..	5

**MIRABILIS** Marvel of Peru or Four O'Clocks ○ 2 ft.

This is another good old-fashioned flower, bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, flakes and splashes in such a manner as to give the flowers a most bizarre effect.

2280	Mixed all Sorts and Colors.....	1/4 lb 20c; 1 oz 10c..	5
2282	Variegated Leaves Mixed.....	1 oz 15c..	5
2284	Dwarf Mixed 12 in.....	1 oz 15c..	5
2285	Sweet-Scented ( <i>longiflora alba</i> ) Flowers white and very fragrant.....	1 oz 15c..	5

Monkey Flower See Mimulus.

Morning Glory See Convolvulus and Ipomoea.

Mourning Bride See Scabiosa.

2286	<b>MUSA</b> <i>Ensete</i>	△ 6 ft. Abyssinian Banana, splendid tropical plant, may be set out doors in summer. 10 seeds	20
	Musk Plant	See Mimulus.	

**MYOSOTIS**—Forget-Me-Not ○ 1/2 to 1 ft.

They are considered among the best spring flowers and grouped with Pansies and Daisies the most lovely combinations may be obtained. The tall varieties are of trailing habit and adapted to covering large patches, which they transform into a sea of blue. Responds to good treatment and flourishes in shady, moist situations.

2288	<b>Alpestris</b> Blue	Trailing habit.....	1/8 oz 15c..	5
2290	Alba White.....		1/8 oz 15c..	5
2292	Rosea Pink.....		1/8 oz 15c..	5
2294	Eliza Fanrobert	Flowers large, sky blue, with clearly defined white eye.....	1/8 oz 20c..	5

**MYOSOTIS**—Forget-Me-Not—Continued.

2295	<b>Alpestris</b> Victoria	The flowers are large bright azure blue, with yellow centers. The plants form neat bushes completely covered with blooms. Best for edging.....	10
2296	Mixed.....	1/8 oz 15c..	5
2298	Ruth Fisher (new)	It is of particularly neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage.....	25
2299	Star of Love (new)	Distinct variety with large, beautiful blue flowers.....	25
2300	Palustris 24	The true Swamp Forget-me-not.....	10
2302	Semperfloren	A charming dwarf blue Forget-me-not, continuing in bloom from early spring until autumn. 10	
2304	Dissitiflora	One of the best of all the Forget-me-nots. It is of remarkably compact habit and a profuse bloomer, having an appearance of a sheet of blue when planted in masses. ....	10
2305	Vaughan's Early and Late Flowering	The flowers are borne on long, stiff stems. The blossoms are the most exquisite sky blue with a delicate white center. Plants may be in  bloom at any time of the year.....	10
2415	<b>NEMOPHILA</b> Mixed	○ 6 in. Grove Flower. Cup shaped flowers of many bright colors, the blue shades being particularly charming. Does well in moist, half shady situations.....	1/2 oz 15c..
2420	<b>NICOTIANA</b> Affinis	○ 2 ft. Sweet Scented Tobacco Plant. Produces an abundance of large, pure white flowers of delicious fragrance. If taken up in the fall and cut back and potted, they will bloom all winter. 1/4 oz 15c..	5
2425	Affinis Hybrida	Splendid hybrids in blue, red and rose, etc. shades.....	1/8 oz 15c..
2430	Sylvestris 4 ft.	Large white flowers, plant for ornamental purposes.....	1/4 oz 15c..
2432	NI ELLA Mixed—Love in the Mist	○ 1 1/2 ft. A compact, free flowering plant with finely cut foliage, curious looking seed pods; of easy culture, growing in any garden soil, blue and white mixed.....	1 oz 15c..
2434	Miss Jekyll	Gives an abundance of long stemmed flowers of the clearest cornflower blue, contrasting most charmingly with the fine fern-like foliage....	1/2 oz 25c..
2436	<b>NOLANA</b> Mixed	○ Pretty trailing plant, useful for edging or rock work.....	1/4 oz 10c..
2450	<b>OENOTHERA</b> Mixed	○ 1/2 to 2 ft. Evening Primrose. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume	5
2455	<b>OXALIS</b> Rosea Mixed	○ A most excellent little plant for edging or pots; blooms all summer in the greatest profusion; flowers dark rose, delicate pink and white.....	10
2456	<b>Tropaeoloides</b>	Suitable for rock work, rustic baskets etc., largely used in parks. Flowers deep yellow, leaves brown.....	1/8 oz 15c..



## NASTURTIUMS

### DWARF VARIETIES ◎ 1 ft.

There are few flowers that can compare with Nasturtiums in richness and variety of color, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and edging, grow quickly, thrive in the poorest soil and furnish the greatest abundance of long lasting, sweet-scented cut flowers.

#### Green and Dark Leaved Varieties

		Pkt
2306	<b>Beauty</b> Scarlet splashed canary.....	5
2308	<b>Bronze</b> Burnt bronze color dark leaved.....	5
2310	<b>Chameleon</b> Is unique in bearing flowers of quite distinct coloring on one and the same plant...1 oz 10c..	5
2312	<b>Empress of India</b> Very dark leaves, crimson flowers.....	5
2314	<b>Golden King</b> Pure golden yellow.....	5
2315	<b>King of Tom Thumbs</b> Intense deep scarlet flowers, dark foliage.....	5
2316	<b>King Theodore</b> Velvet red flowers, dark foliage.....	5
2318	<b>Lady Bird</b> Orange, bright scarlet, striped.....	5
2320	<b>Pearl</b> Creamy white.....	5
2322	<b>Regelianum</b> Purplish violet.....	5
2324	<b>Ruby King</b> Ruby red, dark leaved.....	5
2325	<b>Vesuvius</b> Salmon rose.....	5

#### Fancy and Variegated Leaved Varieties

2326	<b>Golden Cloth</b> The foliage is of a bright yellow, while the flowers are intense scarlet.....	5
2327	<b>Ivy Leaved Mixed</b> Deep green leaves of distinct ivy-form. The flowers are beautifully fringed at the edges of the petals and at the throat.....	5
2328	<b>Queen of Tom Thumbs</b> Produces flowers of a rich bright crimson which forms a very pretty contrast to the silver variegated foliage, and is strikingly handsome and useful for bedding or pot culture.....	5
2330	<b>DWARF MIXED, all sorts.</b> .....	5
2335	<b>VAUGHAN'S SPECIAL MIXTURE OF DWARF NASTURTIUMS</b> Dwarf Nasturtiums are most admirably adapted to beds and borders. Vaughan's Special Mixture of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium mixture, for it is put up by ourselves from named sorts, and also contains a large share of the Liliput Nasturtium and of the dwarf Chameleon which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers.....	1 lb \$1.50; 1/4 lb 45c; 1 oz 15c..

2336	<b>COLLECTION No. 1 OF DWARF NASTURTIUMS, 10 VARIETIES</b> Our choice.....	1 pkt each 35c..
2338	<b>COLLECTION No. 2 OF DWARF NASTURTIUMS, 10 VARIETIES</b> Our choice.....	1 oz each 75c..





### VAUGHAN'S GIANT PANSIES ☺ ☺ 6 in.

One of the loveliest blossoms which greet our eye in early spring. The dainty, velvety, many colored little faces welcome us from the springtime until late fall if properly grown in a shady spot. The following list represents the selection of all the varieties grown; after careful comparison and observation followed up through years, we find this list will supply every shade known in Pansies and other varieties are but close resemblances to the ones listed. We try every novelty which may be offered anywhere and will list it if it proves something strikingly new or an improvement on already existing varieties. A leaflet "How to grow Pansies" is included in all orders for Pansy seed if asked for at the time of ordering. The higher priced packets will produce larger flowers.

2500	<b>Bridesmaid</b> Its ground color is a rosy white, with a Pkt dark blotch in center.....	10	2526	<b>White with Eye</b> Pure white with a large violet blotch Pkt on the three lower petals.....	1/8 oz 35c..	10
2502	<b>Coal Black</b> A jet black of truly giant size. 1/8 oz 35c..	10	2528	<b>Pure Yellow</b> Pure golden yellow without blotches....	10	
2504	<b>Emperor William</b> Splendid ultramarine blue with purple eye.....	1/8 oz 35c..	2530	<b>Yellow with Eye</b> A beautiful clear yellow, heavily blotched on the lower petals.....	1/8 oz 35c..	10
2505	<b>Fiery Faces</b> (Fire King) Rich scarlet with gold edge and yellow center.....	10	2532	<b>VAUGHAN'S COLLECTION OF GIANT PANSIES</b> One packet, containing 50 seeds each, of Emperor William, Coal Black, Fiery Faces, Lord Beaconsfield, Pure White, Pure Yellow, Madam Perret. 7 packets for.....	25	
2506	<b>Freya</b> Purple violet with a broad white margin....	10				
2508	<b>Lord Beaconsfield</b> Rich combination of purple and lavender, shading to white near the top. .... 1/8 oz 35c..	10	2535	<b>SPECIAL MIXTURES</b>		
2510	<b>Madam Perret</b> Dark wine,pink and red, beautifully veined and all with a white margin.....	10	2535	<b>Boulogne Giant Mixture</b> This is a special selection of a French pansy grower; the flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5 blotched, delicately veined, colors rich and varied.... 150 seeds 50		
2512	<b>Marechal Niel</b> (Diana) The flowers are very large, without any blotches or veins and are of the same pleasing delicate cream color as the rose whose name it bears....	10	2540	<b>Bugnot Giant Mixture</b> Of enormous size and circular form, the petals are of great substance and velvety appearance, each bearing a large, deeply colored blotch that runs in delicate veins to the edge.... 1/8 oz 75c..	15	
2514	<b>President Carnot</b> The ground color is white while each petal has a blotch of dark violet.....	10	2545	<b>Cassiers 3 and 5 Blotched Mixed</b> Mostly light shades with dark blotches.....	1/8 oz 50c..	10
2515	<b>President McKinley</b> The ground color is golden yellow, while each petal has a blotch of dark violet....	10	2550	<b>Masterpiece</b> This strain comes nearer to the Double Giant Pansies than anything ever introduced under that name. In reality the number of petals remain the same as that in other pansy flowers but they are crimped and curled in such a fashion they appear double.... 100 seeds 10		
2516	<b>Psyche</b> The characteristic five velvety blotches are surrounded by a broad white edge curled and undulated	10	2552	<b>Paris Market, Mixed</b> This is a fair mixture of giant pansies....	1/8 oz 30c..	5
2518	<b>Purple</b> Of the deepest royal purple known.....	10	2554	<b>Paris Striped Mixed</b> A good mixture of striped varieties only.....	1/8 oz 35c..	5
2520	<b>Siegfried</b> They are mostly 5 blotched with a clear white margin. The colors are of rich brown shades such as seen in an English Wallflower.....	10				
2522	<b>Violet Blue</b> Of immense size and of velvety texture....	10				
2524	<b>Vulcano</b> Color bright dark red, each petal being marked with a very large dark blotch and the edges of the petals are curled like the Masterpiece.....	10				
2525	<b>Pure White</b> Pure white without blotches. 1/8 oz 35c..	10				

**PANSY VAUGHAN'S GIANT MIXTURE**

2555 Embraces, besides most of the above shades and colors, five special strains not listed Pkt elsewhere in this catalog and which can be only had in this and our International Mixture of Pansies. It includes the richest reds, coppers and bronzes, together with the most delicate rose pink shadings and the Masterpiece strain with its delicate veinings and ruffled petals. We have spared no expense to secure the newest, richest and finest sorts. 1/8 oz \$1.00; 1 pkt. 250 seeds 20c; 3 pkts 50c; 125 seeds 10



**PANSY VAUGHAN'S INTERNATIONAL MIXTURE**

2560 This is, and always has been, literally a World's Best Mixture. While searching for the best in every land, we are not satisfied to accept any mixture simply because of its varied colorings, but flowers must come near a high standard of form, which we have set, must be composed of well rounded, perfect shaped flowers, must show a wide range of coloring and markings, must have thick velvety petals with fluted or semi-double edges and must stand erect on good stiff stems with a good healthy growth of plant. While every solid color is represented there is also all the possible variations of each one of these. The whites are blended by stripes, veinings, and shadowings. The same is true of yellows, purples, browns, reds, and other distinct shades, besides many shades of pink, mahogany, fire-colored, bronze, gold, etc. This is one of the specialties that has established the reputation of Vaughan's Seeds, and our customers can readily see why it is our most earnest endeavor to make Vaughan's International Pansy better than ever. 3 pkts (750 seeds) 65c; 5 pkts (1250 seeds) \$1.00; 1/8 oz \$1.75 (250 seeds)..... 25



## CHICAGO PARKS BEDDING PANSIES

		Pkt
2562	<b>Cardinal</b> Rich scarlet.....	1/8 oz 25c.. 5
2564	<b>Coquette De Poissy</b> Mauve.....	1/8 oz 25c.. 5
2565	<b>Dr. Faust</b> Deep jet black.....	1/8 oz 25c.. 5
2566	<b>Emperor William</b> Ultramarine blue.....	1/8 oz 25c.. 5
2568	<b>Lord Beaconsfield</b> Purple violet shading off to lavender.....	1/8 oz 25c.. 5
2570	<b>Peacock</b> Upper and lower petals royal purple, shot with peacock blue.....	1/8 oz 25c.. 5
2572	<b>Prince Bismarck</b> Bronze and brown.....	1/8 oz 25c.. 5
2574	<b>Striped</b> .....	1/8 oz 25c.. 5
2575	<b>Pure White</b> .....	1/8 oz 25c.. 5
2576	<b>White with Dark Eye</b> .....	1/8 oz 25c.. 5
2578	<b>Pure Yellow</b> .....	1/8 oz 25c.. 5
2580	<b>Yellow with Dark Eye</b> .....	1/8 oz 25c.. 5
2585	<b>Orchid Flowered Mixed</b> The ground color of nearly all the flowers is light, the petals being marked with a large brown or golden yellow blotch which diffuses into rays and veins toward the edge. The upper petals are upright and plaited, resembling orchids. The colors are terra cotta, flesh, orange, rose, pink and lilac.....	15
2590	<b>PANSY Chicago Parks Bedding Mixed</b> All the above and many others.....	1/4 oz 35c; 1/8 oz 20c.. 5
	<b>Tufted Pansies</b> See <i>Viola Cornuta</i> .	
2592	<b>PASSIFLORA Coerulea Grandiflora Passion Flower</b> ⚡ \$ 15 ft. Southern Beauty. A beautiful vine for greenhouse and window, called Passion Flower, since tradition sees represented in its flowers the symbols of the Christian Faith.....	10
2595	<b>PENNISETUM Longistylum</b> ⚡ 2½ ft. An Abyssinian grass with long feathery bearded bristles.....	1/2 oz 20c.. 10
2596	<b>Rueppelianum</b> The spikes are longer and more graceful. An annual in the northern states, and seed should be sown each year.....	1/4 oz 20c.. 10
2598	<b>PENTSTEMON Digitalis</b> 2 ft. Foxglove Pentstemon, spikes of white flowers, with purple throat.....	5
2600	<b>Hartwegi Grandiflora, Newest Large Flowering</b> This is a much improved strain of these beautiful flowers. The flowers are very large, very numerous, in shape like a Gloxinia and are borne on long stems. In color they vary from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. If sown early will bloom the first year.....	25
2602	<b>Pubescens</b> Spikes of bright rosy-purple flowers.....	5
2605	<b>Pentstemon Mixed</b> A great variety of kinds and colors.....	1/8 oz 15c.. 5
2610	<b>PERILLA Nankinensis</b> ⚡ 1 ft. An ornamental foliage plant especially adapted for edging or border work, the brown red, almost black foliage combines well with all other colors.....	1 oz 20c.. 5
	<b>Periwinkle</b> See <i>Vinca</i> .	

PETUNIA ⚡

For freedom of bloom, variety of color, eas of culture and effectiveness, these rank with Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

## SMALL FLOWERING VARIETIES 1½ ft.

The low price of these varieties permits them to be used with great freedom to brighten up nooks and corners in parks or gardens.

2612	<b>Alba</b> Pure white.....	1/4 oz 20c.. 5
2614	<b>Carmen Sylva</b> "Baby Blue" Soft reddish purple.....	5
2615	<b>Countess of Ellesmere</b> Rose with white throat.....	5
2616	<b>General Dodds</b> Blood red.....	1/4 oz 20c.. 5
2618	<b>Howard's Star</b> Regular white star-like stripes on old rose background.....	1/8 oz 20c.. 5
2620	<b>Violet Blue</b> Deep velvety blue.....	5
2625	<b>PETUNIA Good Mixed</b> .....	1 oz 50c; 1/2 oz 30c.. 5
2630	<b>PETUNIA Finest Mixed</b> .....	1/4 oz 25c.. 10

## HYBRIDA NANA COMPACTA 8 in.

Dwarf, neat, compact bushes covered with a multitude of flowers all summer long, valuable for edging and formal bedding.

2632	<b>Inimitable</b> Regular white stars on deep old rose ground.....	1/8 oz 10c.. 5
2634	<b>Rosy Morn</b> Brilliant rose with white star-shaped marking.....	1/8 oz 25c.. 5
2635	<b>Snowball</b> Pure white.....	1/8 oz 25c.. 5
2636	<b>DWARF Mixed</b> The above and others.....	1/8 oz 20c.. 5



*Types of  
"Vaughan's Best"  
Single Petunias*

PETUNIA ⚡

## LARGE FLOWERING VARIETIES

Valuable for pots and window boxes.

2640	<b>Large Flowering Fringed Mixed</b> A superb strain of elegant, finely fringed flowers, measuring over 4 in. in diameter; remarkable brilliancy and variety of color	25
2642	<b>Giants of California Mixed</b> The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc.....	200 seeds 25
2644	<b>Superbissima Mixed</b> Large flowering light colors, generally golden throat, beautifully veined.....	200 seeds 25
2645	<b>VAUGHAN'S BEST MIXTURE OF LARGE FLOWERING SINGLE PETUNIAS</b> This mixture is made by ourselves and includes, besides the Giant Ruffled, all the colors of the large flowering and fringed sorts, and the unsurpassed superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive no other Petunia mixture can produce flowers with as wide a range of colors as "Vaughan's Best".	300 seeds 25

2650	<b>VAUGHAN'S MIXTURE OF DOUBLE PETUNIAS</b> This is a mixture of the best large flowering and fringed double petunias. Seed is saved from plants grown in pots, carefully pollinated and will produce grand flowers. Of course, every one knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers.....	200 seeds 30
2652	<b>IMPORTED COLLECTION OF DOUBLE PETUNIAS</b> 6 varieties.....	75
2655	<b>PHACELIA Tanacetifolia</b> ⚡ 1½ ft. Tansy-leaved, rich deep blue flowers, good for bees.....	1/2 oz 10c.. 5



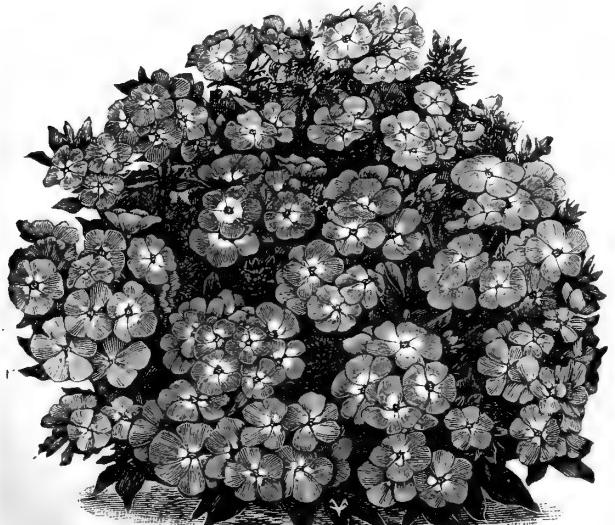
The Phloxes are certainly among the showiest and most easily managed of all the annuals. From June until October they maintain an endless display of varied colored flowers. A fine effect is obtained by planting the beds with different colors so they harmonize. The plants will be more bushy and cover the bed better if pinched back when small.



PHLOX VAUGHAN'S SPECIAL MIXTURE

Alice Meynell, an English writer on garden subjects, says:

"Let the garden be a vegetable garden with fruit trees, and let there be slender flowers all along the edges, and a concourse of standard rose trees, for the sake of gathering the roses, peas in rows and rows, with the twigs they grow upon, delicate against the light, all gentle and fortunate and useful."



NEW LARGE FLOWERING DWARF PHLOX

## Vaughan's Annual Phlox

		DRUMMONDI GRANDIFLORA	1 ft. Large Flowering	Pkt
2660	<i>Alba</i>	Pure white.....	1/8 oz 15c; 100 seeds..	5
2662	<i>Alba Oculata</i>	White with eye.	1/8 oz 15c; 100 seeds..	5
2664	<i>Atropurpurea</i>	Black brown.	1/8 oz 15c; 100 seeds..	5
2665	<i>Coccinea</i>	Fiery scarlet.....	1/8 oz 15c; 100 seeds..	5
2666	<i>Coccinea Striata</i>	Scarlet striped.	1/8 oz 15c; 100 seeds..	5
2668	<i>Coerulea Striata</i>	Blue striped.	1/8 oz 15c; 100 seeds..	5
2670	<i>Isabellina</i>	Yellow.....	1/8 oz 15c; 100 seeds..	5
2672	<i>Kermesina Splendens</i>	Vivid crimson.....	100 seeds	5
2674	<i>Orcibularis Atrorosea</i>	Dark rose with eye.	100 seeds	5
2675	<i>Orcibularis Violacea</i>	Dark blue with eye.	100 seeds	5
2676	<i>Rosea</i>	Pink.....	1/8 oz 15c; 100 seeds	5
2678	<i>Rosea Striata</i>	Pink striped.....	1/8 oz 15c; 100 seeds	5
2680	<i>Rosea Aurea Stellata</i>	Gold Star	1/8 oz 15c; 100 seeds	5
2684	<i>Stellata Splendens</i>	Vivid crimson with white star		5
2685	<b>SPLENDID MIXTURE</b>		All the above and others.....	1 oz 75c; 1/4 oz 25c; 250 seeds
2686	<b>IMPORTED COLLECTION</b>		6 varieties.....	10
2688	<b>IMPORTED COLLECTION</b>		12 varieties.....	25
2690	<b>DRUMMONDI MIXED, GOOD MIXTURE.</b>		1/4 oz 15c	50
2695	<i>Cuspidata</i>	Mixed Star of Quedlinburg. Mixture of		5
2700	<i>Fimbriata</i>	star-shaped flowers.....	1/8 oz 15c	5
	<b>DRUMMONDI SEMI-PLENA</b>		1 ft. Double Phlox	
2702	<i>Alba</i>	White.....		10
2704	<i>Isabellina</i>	Yellow.....		10
2705	<i>Coccinea</i>	Scarlet.....		10
2710	Mixed The above and others.....		1/8 oz 20c	10
2727	<b>VAUGHAN'S SPECIAL MIXTURE</b>		Contains all the above varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondi in assorted colors makes a grand display all summer.....	1 oz \$1.25; 1/4 oz 40c; 1/8 oz 25c; 250 seeds 15
	<b>VAUGHAN'S SPECIAL</b>			
	<b>DRUMMONDI NANA COMPACTA</b>		8 in. Dwarf Phlox	
	These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat, little bushes, covered with flowers during the whole summer and fall.			
2728	<i>Chamoisrosa</i>	Salmon pink.....	1/8 oz 35c	10
2730	<i>Coerulea Striata</i>	Blue striped.....	1/8 oz 35c	10
2735	<i>Fireball</i>	Blood red.....	1/8 oz 35c	10
2736	<i>Isabellina</i>	Yellow.....	1/8 oz 35c	10
2738	<i>Leopoldi</i>	Pink center with white eye.....	1/8 oz 35c	10
2740	<i>Snowball</i>	Pure White.....	1/8 oz 35c	10
2742	<i>Splendens</i>	Crimson with a white eye.....	1/8 oz 35c	10
2745	<i>Mixed all Colors.</i>	.....	1/2 oz 75c; 1/8 oz 25c	10
2750	<i>Cecily Mixed</i>	Flowers are immense size, the coloring very bright and nearly all the blossoms display a white eye. Excellent for borders. Plants grow bushy and compact.....	1/8 oz 50c	15
2755	<b>PHLOX Decussata</b>	2 ft. Perennial Phlox	These rank among the finest herbaceous plants for beds and borders. The seed of this germinates very slowly, often requiring 5 to 6 months. Mixture of all finest sorts.....	10
2756	<b>PHYSALIS Franchetii</b>	2 ft. Chinese Lantern Plant	Produces balloon like husks, which turn bright red when ripe and resemble Chinese paper lanterns.....	10
2758	<b>PHYSOSTEGIA Virginica</b>	2 ft. 3 to 4 ft.	Forms dense bushes with spikes of delicate pink tubular flowers	5
2760	<i>Virginica Alba</i>	White.....	Pinks See Dianthus.	10
	<b>PLATYCODON</b>		2 ft. 1 to 2 ft. Chinese Bell Flower	
	Producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed.			
2762	<i>Grandiflorum</i>	Large steel-blue flowers....		5
2764	<i>Grandiflorum Album</i>	Pure white.....		5
2765	<i>Coeruleum Plenum</i>	Double blue....		10
2766	<i>Album Plenum</i>	Double white....		10
2768	<i>Mariesii</i>	Dwarf blue.....		10
2770	<i>Mariesii Album</i>	Dwarf white.....		10
2775	<b>POINCIANA Gilliesii</b>		Bird of Paradise Pretty greenhouse shrub with panicles of golden yellow flowers with vivid red stamens.....	10
	<b>Polyanthus</b>		See Primula.	



POPPY NUDICAULE OR ICELAND



POPPY DOUBLE CARNATION FLOWERED



POPPY SHIRLEY

*Annual Poppies* ☺ 2 ft

Poppies are noted for their satiny flowers of silk-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are airily poised on slender stems.

SINGLE ANNUAL SORTS

- 2780 **Admiral** Glistening white, with a broad band of Pkt brilliant scarlet around the edges.....  $\frac{1}{4}$  oz 25c.. 10  
 2782 **Bride** Very large pure white, perfectly formed flowers. 5  
 2784 **Danebrog or Danish Flag** Brilliant scarlet flowers, with a silvery white spot on each petal, forming a white cross. 5  
 2785 **English Scarlet Field** Grows wild in Europe, in thyme fields, together with the blue cornflower. ....  $\frac{1}{2}$  oz 15c..  
 2786 **Persian (Laevigatum) or Firedragon** Dark scarlet black spots. ....  $\frac{1}{4}$  oz 10c.. 5  
 2788 **Tulip (Glaucum)** Large tulip-shaped flowers of dazzling scarlet. ....  $\frac{1}{2}$  oz 15c.. 5  
 2790 **Umbrosum** Rich vermillion flowers with a deep, shining, black spot on each petal. ....  $\frac{1}{2}$  oz 15c.. 5  
 2792 **Shirley, Silk or Ghost** Shades of rose, pink, carmine and brilliant crimson, many have white edges.  $\frac{1}{2}$  oz 15c.. 5  
 2794 **Santa Rosa** A selection of the above made by Mr. Luther Burbank, contains a greater variety of color combinations, and named for the originator's home.  $\frac{1}{2}$  oz 25c.. 10  
 2795 **VAUGHAN'S SPECIAL MIXTURE OF SINGLE POPPIES** This mixture includes all the above choice Poppies and many other kinds not listed. It is really extra choice.  $\frac{1}{4}$  lb 70c; 2 oz 40c; 1 oz 25c;  $\frac{1}{2}$  oz 15c.. 10



- 2830 **VAUGHAN'S SPECIAL MIXTURE OF DOUBLE AND SINGLE POPPIES** Comprises not only all the double and single poppies described but also a number of other sorts especially purchased for this mixture, including some entirely new ones. .... 1 oz 30c;  $\frac{1}{2}$  oz 20c.. 10

DOUBLE ANNUAL SORTS

- 2800 **American Flag** Flowers very large and double.—Snow white, bordered scarlet. ....  $\frac{1}{2}$  oz 15c.. 5  
 2802 **Fairy Blush** The flowers have the effect of large feathery balls, overcast with a rosy shade. ....  $\frac{1}{2}$  oz 15.. 5  
 2804 **Giant Double Pure White**.....  $\frac{1}{2}$  oz 20c.. 10  
 2805 **Giant Double Yellow**.....  $\frac{1}{2}$  oz 20c.. 10  
 2806 **Giant Double Pink**.....  $\frac{1}{2}$  oz 20c.. 10  
 2808 **Giant Double Cardinal Red**.....  $\frac{1}{2}$  oz 20c.. 10  
 2810 **Marion** Soft heliotrope. ....  $\frac{1}{2}$  oz 25c.. 10  
 2812 **Mikado** The striped Japanese poppy; flowers brilliant scarlet and white with elegantly curled petals, like a Japanese chrysanthemum. ....  $\frac{1}{2}$  oz 15c.. 5  
 2814 **White Swan** Fringed double white. ....  $\frac{1}{2}$  oz 10c.. 5  
 2815 **Carnation Flowered Mixture of Double Poppies** Large sized flowers of all shades, many striped. The Opium Poppy. .... 1 oz 15c.. 5  
 2820 **Peony Flowered Mixture** Double ball shaped flowers of gigantic size. .... 1 oz 15c.. 5  
 2825 **Rhoeas Fl. Pl. Double French Mixture** The double form of the Shirley type. .... 1 oz 15c.. 5  
 2828 **VAUGHAN'S SPECIAL MIXTURE OF DOUBLE POPPIES** This includes all the above sorts, and will produce charming flowers in an endless variety of colors. ....  $\frac{1}{4}$  lb 70c; 2 oz 40c; 1 oz 25c;  $\frac{1}{2}$  oz 15c.. 10

*Perennial Poppies* 2

These Poppies when once planted will last for all time. They differ from the annuals in the original root living and increasing in size, and not from being self sown from seed dropped the previous year.

- 2832 **Alpinum** 6 in. The plants grow in low tufts producing many slender flower stalks, bearing lovely flowers in white, salmon, rose or orange. The petals are laciniated, fluted and fringed. .... 15  
 2834 **Bracteatum** 3 ft. Giant scarlet flowers...  $\frac{1}{4}$  oz 15c.. 5  
 2835 **Nudicaule Single Mixed Iceland Poppy** 1 ft. These poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet and have a delicious fragrance. Excellent for vase and house decorations. ....  $\frac{1}{8}$  oz 20c.. 10  
 2836 **Nudicaule, Double Mixed**..... 15  
 2838 **Oriente, Oriental Poppy** 3 ft. One of the showiest of perennials with enormous scarlet flowers with purple centers. The leaf is long and deeply cut and clothed with white bristly hair. Beautiful among shrubs, roses and other perennials ..... 10  
 2840 **Orienteale Hybrida** All shades from softest pink to deepest red. .... 10





SINGLE PORTULACA

**PORTULACA Rose Moss** ⚭ 6 in.

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Pkt

## Large Flowering Single Sorts

2842	<b>White</b>	1/4 oz 20c	5
2844	<b>Yellow</b>	1/4 oz 20c	5
2845	<b>Pink</b>	1/4 oz 20c	5
2846	<b>Striped</b>	1/4 oz 20c	5
2848	<b>Scarlet</b>	1/4 oz 20c	5
2849	<b>Parana</b> Extremely large reddish purple flowers	15	
2850	<b>Single Mixed</b>	1 oz 50c; 1/4 oz 15c	5
2852	<b>IMPORTED COLLECTION OF 8 COLORS</b>	25	

## Large Flowering Double Sorts

2854	<b>White</b>	10	
2855	<b>Yellow</b>	10	
2856	<b>Pink</b>	10	
2858	<b>Scarlet</b>	10	
2860	<b>Double Good Mixture</b>	1/4 oz 25c	5
2865	<b>Double Best Mixture</b>	1/8 oz 75c	10
2868	<b>IMPORTED COLLECTION OF 6 COLORS</b>	35	
2870	<b>POTENTILLA Hybrida</b> 2 1/2 ft. Single Mixed. Cinquefoil. 5 lobed leaves, brilliant flowers	5	
2875	<b>Double Mixed</b>	10	

**PRIMULA Primrose**

2880	<b>Auricula</b> 2 6 in. Flowers in early spring in various colors of yellow, brown and red.	10	
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**Chinese Primroses** ↗ 8 in.

This is one of the most charming winter flowering house plants. May be raised very easily from seed by following the cultural instructions on the packet. Leaves are rich green and prettily cut, flowers stand well above the foliage in umbels and have a delicate odor peculiarly their own.

2882	<b>Covent Garden White</b> English grown	100 seeds	25
2883	<b>Orange King</b> Bright yellow	100 seeds	25
2884	<b>Giant Pink</b> English grown	100 seeds	25
2886	<b>Improved Chiswick Red</b> English grown	100 seeds	25
2887	<b>True Blue</b> English grown	100 seeds	25
2888	<b>Good Mixture of Single Varieties</b> French grown	5	

**VAUGHAN'S INTERNATIONAL MIXTURE** Our mixture contains all the choicest colors of the single flowering Primulas in all their dainty shades.

15

2892	<b>Cortusoides Sieboldi</b> 2 10 in. Pink shades white eyed, blooms in April	20	
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2894	<b>Forbesi Baby Primrose</b> 2 10 in. The flowers are very graceful, of the most pleasing rose color with yellow eyes and are borne on erect stems	10	
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2895	<b>Japonica Mixed</b> 2 10 in. Japanese Primrose. Bright and showy flowers borne in whorls	10	
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2896	<b>Obconica Grandiflora Mixed</b> 2 10 in. The flowers are of a soft lilac, pink, rose, lavender or crimson. It is one of the most useful primulas for pot culture and also succeeds well in the open border during the summer	10	
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2897	<b>Gigantea Rosea</b> Giant flowered pink, for pot culture	25	
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2898	<b>Veris Elatior Grandiflora</b> 2 10 in. <b>Polyanthus Large-Flowering Finest Mixture</b> , sweet scented cowslip	15	
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2900	<b>Vulgaris</b> 2 3 in. Yellow primrose	5	
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DOUBLE PORTULACA

2905	<b>PUERARIA Thunbergiana</b> 2 8 50 ft. <b>Kudzu Vine</b> or Pkt		
	<b>Jack and the Bean Stalk</b> Flourishes where nothing else will grow. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is its wonderfully strong growth.....	1/4 oz	30c.. 5
2910	<b>PYRETHRUM Parthenifolium Aureum</b> 2 6 in. <b>Golden Feather</b> One of the best plants for edging, grown for its beautiful yellow foliage. More successfully treated as an annual.....	1/4 oz	20c.. 5
2912	<b>Roseum Hybridum Grandiflorum</b> 2 1/2 ft. <b>Giant Flowered, Mixed</b> . The flowers of this strain grow to an enormous size of 12 in. in circumference and present all the beautiful variations of color between light rose, pink and deep carmine. They are splendid cut flowers equally valuable in borders.....	1/4 oz	20c.. 15
2913	<b>Roseum Kelway's Hybrids</b> A selection made by Kelway and our seed is direct from the originator. Beautiful and varied colors exhibited in the flowers.....		25
2914	<b>Roseum Hybridum Fl. Pl. Double Mixed</b> . Large flowering double; seed saved from a celebrated collection		25
2915	<b>Uliginosum</b> 3 ft. It is literally hidden beneath the multitude of large, white, daisy-like flowers.....		10
	<b>Reseda</b> See Mignonette.		
2920	<b>RHEUM PALMATUM TANGUTICUM</b> 2 3 ft. Ornamental Rhubarb. Grows easily from seed.....		5
2925	<b>RHODANTHE MIXED</b> 2 1 ft. Very beautiful, delicate looking, everlasting.....	1/4 oz	15c.. 5



CHINESE PRIMROSE



RICINUS OR CASTOR BEAN



SALVIA SPLENDENS CLARA BEDMAN



SALPIGLOSSIS

	RICINUS ◎ Castor Bean	Pkt	SALPIGLOSSIS ◎ 2½ ft.	Pkt
	Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting castor beans in the borders. They leave when they get a scent of this plant.		Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube shaped much like a Petunia but rivalling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. Grows easily from seed.	
2930	<b>Borboniensis Arboreus</b> 15 ft. Immense plants with green foliage.....	1 oz 10c..	Mixed Good quality in many colors.....	¼ oz 20c..
2932	<b>Cambodgensis</b> 6 to 8 ft. Large palm like leaves of the darkest bronze maroon; stalk and stem nearly black.....	1 oz 15c..	Emperor Mixed Large flowering improved strain, with most complete range of colors.....	⅛ oz 20c..
2934	<b>Panormitanus</b> 8 to 10 ft. Huge leaves of a peculiar old bronze shade; stems blue powdered, very ornamental	10	2960 VAUGHAN'S SPECIAL MIXTURE This mixture is put up by ourselves of separate varieties and is without doubt the best mixture obtainable.....	VAUGHAN'S SPECIAL 15
2935	<b>Sanguineus</b> 6 ft. Green leaved, red stems and seeds.....	1 oz 10c..	2962 <b>SALVIA Argentea</b> ¼ 3 ft. Silvery foliage with small white flowers.....	5
2936	<b>Zanzibariensis Mixed</b> 10 to 12 ft. The ornamental leaves, beautifully lobed, are nearly 2½ to 4 ft. across. Each plant makes a perfect pyramid of foliage thickly set from top to bottom. The difference between the varieties is in the coloring of the grand bamboo like stems and the long slender leaf stalks.....	1 oz 15c..	2964 <b>Coccinea</b> ◎ 2 ft. Annual scarlet sage.....	¼ oz 15c..
2938	<b>Mixed</b> Many sorts.....	1 lb 70c; 1 oz 10c..	2965 <b>Farinacea</b> ◎ 3 ft. Tall spikes of silvery lavender blooms from a dense mass of foliage.....	5
2940	<b>ROSA Polyantha Nana</b> ↗ 15 in. <b>Baby or Fairy Rose</b> The plants bloom in three months after sowing; seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double, and double flowers borne in clusters. The plants are dwarf and bushy; and are very pretty in beds and borders. They are hardy and may be treated as annuals. The seed needs soaking in warm water for 48 hours before sowing..	10	2966 <b>Patens</b> ↗ 2 ft. Ultramarine blue, beautiful flowers. Roots may be wintered over inside like Dahlias.....	5
2942	<b>RUDBECKIA Bicolor Superba</b> ◎ 2 ft. <b>Coneflower</b> Fine free flowering annual variety forming a dense bush and producing in great abundance on long stems, its bright flowers. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; Very effective and useful for cutting.....	10	The above four varieties are not for display bedding.	
2944	<b>Newmanni</b> ↗ 3 ft. Bright orange yellow petals surrounding a black cone, very floriferous.....	10	<b>SALVIA SPLENDENS</b> ↗ Scarlet Sage	
2945	<b>Purpurea Grandiflora</b> 3 ft. Produces from mid-summer until late autumn, large showy, reddish-purple flowers about 4 in. across; a remarkably large cone shaped center of brown, thickly set with golden tips in spiral lines.....	10	The Salvia Splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses; it makes a good pot plant, does well in window boxes, and is useful for cutting to give color. Its best use however is as a hedge or border plant, where long broad bands of intense color are desirable.	
			2970 <b>Clara Bedman or Bonfire</b> 2 ft. The spikes grow erect and stand clear above the foliage. The plants form handsome globular bushes.....	⅛ oz 50c..
			2972 <b>Drooping Spikes</b> 2½ ft. This large flowering variety has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers causing the spikes to droop by their own weight.....	10
			2973 <b>Zurich</b> Early blooming flowering sage. The plants are dwarf and compact and commence to produce their large brilliant flowers when 3 in. high and bloom until frost.....	20
			2974 <b>Splendens</b> 2½ ft. The original scarlet sage ¼ oz 30c..	5
			2975 <b>Mixed</b> The above sorts and others.....	⅛ oz 35c..
			3000 <b>SANVITALIA Procumbens</b> Fl. Pl. ◎ 6 in. Small double yellow flowers produced in abundance all summer, excellent edging plant.....	5
			3002 <b>SAPONARIA Caucasica</b> Fl. Pl. ↗ 8 in. Blush white fragrant flowers, fine for rock work.....	5
			3003 <b>Ocymoides Splendens</b> ↗ 9 in. Small rock plant, bright rose flowers .....	5



**STOCKS GIANT PERFECTION**

**SCABIOSA Mourning Bride** ○ 2½ ft.

Commonly known as the "Pincushion Plant" owing to the queer effect of the center of the flower. The outer petals making a ruffle around the cushion, filled with pins, carries out the idea. The flower stems are long and the blossoms keep well in water. The soft shades predominate.

**Large Flowering Double**

		Pkt
3010	Snowball	¼ oz 15c
3012	Golden Yellow	¼ oz 15c
3014	Pink	¼ oz 15c
3015	Fiery Scarlet	¼ oz 15c
3016	Azure Fairy	¼ oz 15c
3018	Black Prince	¼ oz 15c
3020	Mixed The above and many others	½ oz 15c
3025	Caucasica 2 1/2 ft. Flowers beautiful, soft lavender	10
3026	Alba White	15

**3030 SCHIZANTHUS Hybridus Grandiflorus** ○ 1 ft.

"The Poor Man's Orchid," neat, pyramidal bushes covered with a multitude of small butterfly like flowers of the most brilliant and striking color designs.....

**SCABIOSA Double Large Flowering Mixed**

**STOCKS BEAUTY OF NICE**

**STOCKS LARGE FLOWERING ○ Gilliflower Levkojen**

The stocks represent all the desirable qualities of a flower. The plants have good habit, fine dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

**Dwarf German 10 Weeks 1 ft.**

	This class is a favorite for out door bedding.	Pkt
3050	White	10
3052	Canary Yellow	10
3054	Brilliant Rose	10
3055	Crimson	10
3056	Light Blue	10
3058	Purple	10
3060	Fine Mixed	5
3060	Best Mixed	1 1/8 oz 25c
3070	Imported Collection	10
3072	Imported Collection	30
3074	Imported Collection	60

**Giant Perfection or Cut-and-Come Again 1 1/2 ft.**

Useful for outdoor bedding as well as for pots or cut-flower. They throw out numerous side branches, all bearing very double, fragrant flowers.

		10
3075	White	10
3076	Canary Yellow	10
3078	Pink	10
3080	Scarlet	10
3082	Light Blue	10
3084	Dark Blue	10
3085	Mixed	1 1/8 oz 40c
3086	Imported Collection	10

**Beauty of Nice 2 ft.**

A handsome winter stock of quick growth, flowers of large size. Seedlings will bloom in ten weeks.

		10
3090	White	10
3092	Monte Carlo Yellow	10
3094	Queen Alexandra	10
3095	Pink	10
3096	Abundance	10
3100	Mixed	10

**Bismarck 2 1/2 ft.**

New; if sufficient room is given, the plants develop to enormous dimensions, forming magnificent bushes, with long and large flower stalks. Blooms after the ten weeks stocks have ceased.

		15
3105	White	15
3108	Gold Ball	15

**Lavender**

		15
3110	Lavender	15

**VAUGHAN'S SPECIAL MIXTURE OF STOCKS**

Contains all the above and many others not catalogued.....

		15
3131	Vaughan Special	15



**3135 STOKESIA Cyanea** 2 1/2 ft. Cornflower Aster

Bears from 20 to 30 handsome lavender blue cornflower like blossoms from July until frost.....

**Sunflower** See Helianthus.



**Swan River Daisy** see **Brachycome**

# Sweet Peas Spencer Varieties or Giant Orchid Flowering



SWEET PEAS KING EDWARD VII SPENCER

In comparatively the last few years sweet peas have taken a new place in our affections, when the frilled or Countess Spencer varieties appeared and now they may be obtained in so many distinct and almost true colors as to have deposed to a certain extent the older Large flowering and Unwin types. They have large round open flowers of extraordinary size, usually two inches across, with waved, fluted and crumpled standard and wings. A very large percentage bears four of these immense flowers to a stem, which is extremely long and wiry making them exceptionally valuable for cutflowers.

3200	<b>Apple Blossom</b>	Crimson pink and white shaded.....	Pkt 1 oz 15c.. 10
3202	<b>Asta Ohn</b>	Lavender.....	1 oz 15c.. 10
3204	<b>Aurora</b>	Orange rose striped on white ground 1 oz 50c.. 25	25
3206	<b>Beatrice</b>	Beautiful soft pink.....	1 oz 25c.. 15
3208	<b>Blanche Ferry</b>	Pink and white.....	1 oz 25c.. 15
3210	<b>Captain of the Blues</b>	Purplish-mauve.....	1 oz 15c.. 10
3212	<b>Countess Spencer Variety</b>	Pale pink with darker edge.....	1/4 lb 35c; 1 oz 10c.. 5
3214	<b>George Herbert</b>	Almost a self carmine.....	1 oz 10c.. 5
3216	<b>George Washington</b>	Glorious self crimson scarlet.....	1 oz 50c.. 25
3218	<b>Helen Lewis</b>	Orange.....	1 oz 15c.. 10
3220	<b>King Edward VII</b>	Rich dark red.....	1 oz 15c.. 10
3222	<b>Mrs. Routzahn</b>	Deep cream, with a decided rose edge.....	1 oz 15c.. 10
3224	<b>Othello</b>	Dark chocolate brown, beautiful.....	1 oz 25c.. 15
3226	<b>Primrose</b>	True primrose color....	1/4 lb 35c; 1 oz 10c.. 5
3228	<b>White</b>	Pure large white.....	1/4 lb 35c; 1 oz 10c.. 5
3232	<b>VAUGHAN'S SPENCER HYBRIDS MIXED</b>		
	In offering this mixture we are giving our customers the cream of this class in all possible color variations and we are confident many happy surprises will result, as we have included in this not only the above sorts but many others which are new and striking in this class.....		
3235	<b>COLLECTION ONE PACKET OF EACH OF THE ABOVE 15 SEPARATE SORTS</b>		
	Regular value \$1.70 for.....		



## SWEET PEAS IN MIXTURE

### MIXED SWEET PEAS IN SEPARATE SHADES

A bunch of sweet peas of pink or white or dark shades or other colors which harmonize is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have arranged the following mixtures out of the finest named sorts.

		lb	1/4 lb	oz
3470	<b>Pink Shades</b>	Light to deep pink.....	75	25 10
3472	<b>Red Shades</b>	Bright rose to dark scarlet..	75	25 10
3474	<b>Lavender and Blue Shades</b>	Pale lavender to mauve and heliotrope.....	75	25 10
3475	<b>Purple and Maroon Shades</b>	All the dark colors.....	75	25 10

3476	<b>White and Primrose Shades</b>	All the lb	1/4 lb	oz	pkt
	delicate tints.....	75	25	10	
3477	<b>Striped Sorts</b>	Various striped combinations.....	75	25	10
3479	<b>COLLECTION OF ONE OUNCE EACH OF THE SIX SEPARATE SHADES</b>				
3480	<b>Double Mixed.</b>	.....	50	20	10
3485	<b>Cupid Mixed</b>	These are low growing or dwarf varieties about one foot high and spreading to about two feet in diameter. The foliage is dark green and the stems are short, usually from three to six inches long	20	10	5
3490	<b>All Colors Mixed</b>	A fair mixture.....	40	15	5
3495	<b>Eckford's Mixture</b>	Contains some of each of the entire list of varieties and cannot fail to give satisfaction.....	50	15	5

### 3500 Sweet Peas Vaughan's Prize Mixture

This is the only complete and thoroughly up to date mixture in existence. It is mixed from a carefully prepared formula which is revised each year. The daintiest colors of all the Spencers, Large Flowering and Unwin types as well as the darker combinations make a garden planted with these a continued joy and surprise.....



Sweet Sultan	See Centaurea.
Sweet William	See Dianthus Barbatus.
Tagetes	See Marigold.
3510 THALICTRUM Adiantifolium	2 ft. Finely cut Pkt maiden hair fern-like foliage and yellow flowers.....
	10
3512 THUNBERGIA Alata Mixed	5 ft. Black eyed Susan. Beautiful trailing plants for hanging baskets and lawn vases.....
	1/4 oz 15c.. 5

3515	<b>TORENIA Fournieri Compacta</b>	10 in. Bushy	Pkt
	globular plants literally covered with the lovely richly colored, snapdragon-like flowers of a delightful sky-blue		
	They are excellent for beds, pot or hanging baskets.....		
3518	<b>Mixed.</b>		
3520	<b>TRITOMA Uvaria Grandiflora</b>	3 ft. Red Hot Poker or Torch Lily	
	A most striking and exceedingly ornamental autumn flowering plant. The noble aspect and showy flower spikes from a dense root foliage render them valuable for shrubberies, flower borders, beds or lawns.....		
	<b>Tropaeolum</b> See Nasturtiums.		



### SWEET PEAS—LARGE FLOWERING AND UNWIN TYPES

Below we offer a revised list of this class of Sweet Peas, which includes every color known. We have omitted all small flowering and inferior varieties and duplicates under different names. If any are familiar with a name of a variety not catalogued here will write us for it, we can probably send precisely the same shade of the color in an improved variety, under one of the names we list here.

	<b>Beacon</b>	Standard carmine flushed with mauve; wings primrose.	20	10	5	3400	<b>King Edward VII. Special Selection</b>	1/4 lb oz	pkts	
3402	<b>Black Bird</b>	Very dark violet maroon.	20	10	5	3402	<b>Lady Grisel Hamilton</b>	Lavender.	20	10
3404	<b>Black Michael</b>	Shining reddish-maroon.	20	10	5	3404	<b>Lord Nelson</b>	Deeper and richer than Navy Blue.	20	10
3405	<b>Blanche Ferry</b>	Pink and white.	20	10	5	3405	<b>Lord Roseberry</b>	Rosy carmine, self color.	20	10
3406	<b>Bridesmaid</b>	Bright and deep pink.	20	10	5	3406	<b>Lottie Eckford</b>	White suffused lavender.	20	10
3408	<b>Burpee's Earliest White</b>	White.	35	15	10	3408	<b>Miss Willmott</b>	Richest orange pink, shaded rose.	20	10
3410	<b>Captain of the Blues</b>	Purplish-mauve.	20	10	5	3410	<b>Mont Blanc</b>	One of the earliest whites.	20	10
3412	<b>Dainty</b>	White with pink edge, unique.	25	10	5	3412	<b>Mrs. Chas. Mander</b>	Magenta darker wings	40	15
3414	<b>David R. Williamson</b>	Rich indigo blue.	20	10	5	3414	<b>Mrs. George Higginson, Jr.</b>	A clear delicate light blue, showing practically no tint of mauve.	20	10
3415	<b>Dorothy Eckford</b>	One of the best white.	20	10	5	3415	<b>Mrs. Walter Wright</b>	Beautiful mauve color.	20	10
3416	<b>Duke of Westminster</b>	Deep rose maroon, overlaid with bright shining violet.	20	10	5	3416	<b>Navy Blue</b>	Deep violet blue.	20	10
3418	<b>Earl Cromer</b>	Claret magenta, self color.	20	10	5	3418	<b>Nora Unwin</b>	Giant white.	35	15
3420	<b>Earliest of All</b>	Special selection, pink and white.	35	15	10	3420	<b>Othello</b>	A beautiful dark brown, chocolate red.	20	10
3422	<b>E. J. Castle</b>	Rich carmine rose, with salmon shadings in the standard.	35	15	10	3422	<b>Phenomenal</b>	White tinged rosy lavender.	20	10
3424	<b>Evelyn Byatt</b>	Fine orange salmon.	20	10	5	3424	<b>Prince Olaf</b>	Striped and mottled blue on white ground.	35	15
3425	<b>Frank Dolby</b>	Largest and finest pale blue.	20	10	5	3425	<b>Queen Alexandra</b>	Giant size scarlet.	20	10
3426	<b>Flora Norton</b>	A very bright blue.	20	10	5	3426	<b>Romolo Piazanni</b>	True violet blue.	20	10
3428	<b>Gladys Unwin</b>	Pale rosy pink.	20	10	5	3428	<b>Saint George</b>	Brilliant orange scarlet.	50	15
3430	<b>Helen Pierce</b>	Blue with dark grain markings.	20	10	5	3430	<b>Sutton's Queen</b>	Creamy buff, shaded pink	35	15
3432	<b>Henry Eckford</b>	Of extraordinary orange color.	20	10	5	3432				
3434	<b>Hon. Mrs. E. Kenyon</b>	The best yellow to date.	20	10	5	3434				
3435	<b>Horace J. Wright</b>	Standard violet maroon, wings violet.	20	10	5	3435				

### "Vaughan's Best" Mixture of Verbenas

**3555 VAUGHAN'S BEST MIXTURE** This embraces all that is choice and desirable in Verbenas. It includes the mammoth flowered strains of three Verbena Specialists, the dazzling Defiance, the Mammoth White, Purples, Striped, and all the Auricula flowered varieties with their large umbels of white eyed flowers. We feel perfectly safe in stating this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole summer. 1 oz \$3.00; 1/2 oz 50c; extra large packet 25c; 125 seeds. . . . . 15



### VERBENA HYBRIDA ◎ 9 in.

Single plants of this pretty annual creeper will carpet a space 8 to 10 in. in diameter with neat foliage and scores of fine flowers. For beds, borders, mounds, vases and window boxes it is particularly fine, and is frequently used for an undergrowth to tall plants like lilies. The plants bloom from early summer to late fall. The best way to raise verbenas is from seed.

3525	<b>Defiance</b>	The brightest color among Verbenas, a Pkt real intense scarlet.	5
3526	<b>Dark Blue with White Eye</b>	Very showy.	5
3528	<b>Striped</b>	Mostly light ground colors with red and blue stripes and streaks.	5
3530	<b>Stellata Carminea</b>	Carmine with a white eye.	10
3532	<b>Purpurea</b>	Purple and white.	10
3534	<b>Coccinea</b>	Scarlet with white eye.	10
3535	<b>GOOD MIXED</b>	1 oz 60c; 1/2 oz 10c..	5
3540	<b>EXTRA CHOICE MIXED</b>	The above and the mammoth sorts and others.	1 oz \$1.00 1/2 oz 15c..

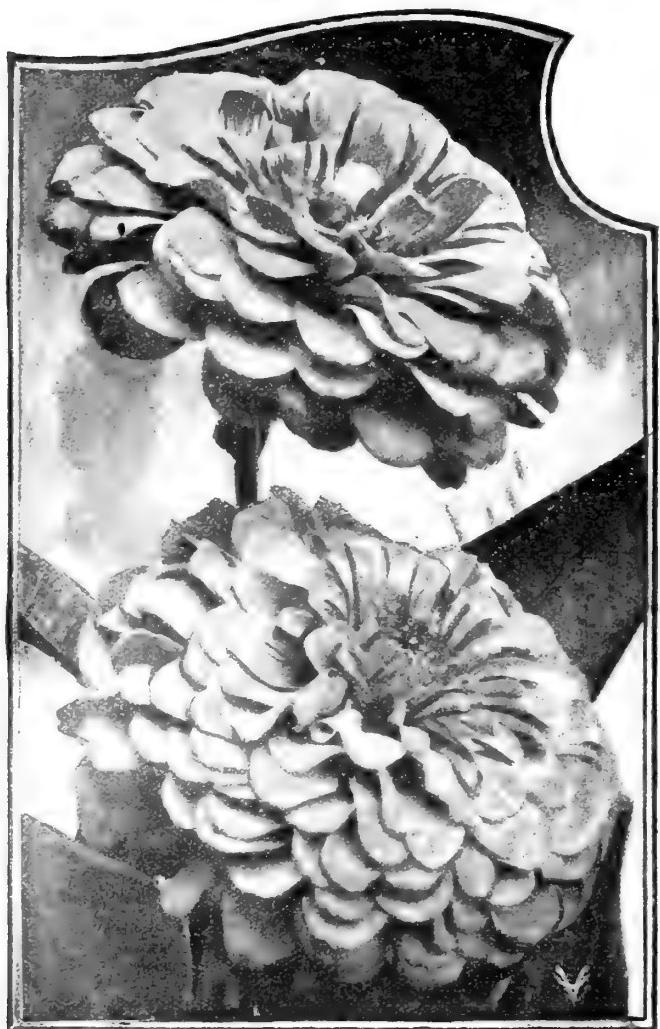
### VERBENA HYBRIDA MAMMOTH TYPES

A carefully selected and improved strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free blooming and of vigorous habit.

3542	<b>White</b>	.	10
3544	<b>Mayflower</b>	Pink.	10
3545	<b>Striped on White Ground</b>	.	10
3546	<b>Pink and Carmine Shades</b>	.	10
3548	<b>Firefly</b>	Intense red.	10
3549	<b>Purple</b>	Dark purple.	10
3550	<b>Mammoth Mixed</b>	The above and others. 1/4 oz 25c.	10
3556	<b>Dwarf Mixed</b>	6 in. Good for edging making an even carpet of blossoms and leaves.	10
3557	<b>Citriodora</b>	3 ft. Lemon scented Verbena, white.	10
3558	<b>Teucrioides</b>	2 ft. White sweet scented.	10
3560	<b>Venosa</b>	1 ft. Largely used for bedding purposes, strong, thrifty growers covered with bright purple and heliotrope flowers.	10

Pkt

5



TYPE OF "VAUGHAN'S GIANT FLOWERED ZINNIA"

3575 **VERONICA Spicata** 2 ft. 1½ ft. An elegant hardy border plant bearing all summer, long spikes of bright blue flowers, which lengthen with age. Pkt 10

**VINCA Rosea** 1 ft. Periwinkle.

Ornamental free blooming plants; seed should be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter.

3580 White	5
3582 White with Eye	5
3584 Pink	5
3585 Mixed	5

**VIOLA CORNUTA** 2 ft. Tufted Pansies

While the pansy proper is essentially a spring flower, the violas offered here flower throughout the entire season. Seed sown in spring produce flowering plants by June, and from then on until frost they are a sheet of bloom.

3590 White Perfection	10
3592 Lutea Splendens Yellow	10
3594 Blue Perfection	10
3595 Mixed	10 oz 25c

3600 **VAUGHAN'S IMPROVED SCOTCH PANSIES** This new strain produces flowers with "faces," every flower having a distinct face, which livens up a bed of them remarkably. The colors range from pale lavender to deep rich purple, with many charming intermediate shades. 25

3605 **VIOLA ODORATA Semperflorens** 2 ft. 6 in. The true blue sweet violet. 10

3608 **The Czar** Large flowering blue. 10

**Viola Tricolor Maxima** See Pansies.

3610 **VISCARIA Mixed** 1 ft. Pretty plants with a mass of bright open flowers in red, white and blue shades. 5

**WALLFLOWER** △ 1½ ft. Goldlack

Wall flowers should be better known. Their adaptability for pot culture and out-door bedding and their peculiarly sweet odor, should win favor. They are easily grown and last long as cut flowers. Not hardy in the northern states, should be wintered over in cold frames.

3615 Single Mixed	1/4 oz 15c..	5
3620 Double Mixed		10
3622 Single Annual Mixed	○ Seed sown in the open ground the first of May will commence blooming in July	10

**WILD CUCUMBER** ○ § 30 ft. *Echinocystis Lobata*

This is the quickest growing climber on our list. Grows wild self sown, in many parts of the west. Should be sown late in the fall or very early in the spring. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. 1 lb \$1.50; 1/4 lb 40c; 1 oz 15c; 1/2 oz 10c.. 5

3640 **XERANTHEMUM** Double Mixed ○ 2 ft. Very good Everlasting with silvery foliage and silky flowers in pink, white and purple. 1/4 oz 15c.. 5

3645 **ZEA JAPONICA Quadricolor Perfecta** ○ 4 ft. Ornamental Japanese Maize, leaves are striped in yellow, green, rose and dark red. 1/4 oz 20c.. 5

**ZINNIA** ○ Youth and Old Age

The double Zinnia is one of the easiest grown and most showy garden annuals. The plants come quickly from seed and are easily transplanted and make a fine display in a bed or border or among shrubs. Each flower lasts for several weeks, and the plants bloom abundantly until destroyed by frost.

**Elegans Fl. Pl. Double Flowered** 2½ ft.

3702 Queen Victoria	Pure white.....	10
3704 Sulphur Yellow		10
3705 Flesh Color		10
3706 Rose		10
3708 Scarlet		10
3710 General Jacqueminot	Blood red.....	10
3712 Zebra Striped		10

3720 **VAUGHAN'S GIANT FLOWERED MIXED** This is a mixture of the largest Zinnias, plants are of vigorous growth, about 3 ft. in height and very profuse of bloom. The flowers are extremely double, and very brilliant in color, showing shades not found in any former collection. 1/4 oz 30c.. 10

3725 Double Good Mixed..... 1 oz 25c; 1/2 oz 15c.. 5

3730 Double Crested and Curled The flowers are large, the petals being twisted and curved into most graceful forms. The colors comprise all the brilliant shades characteristic of the zinnias. 10

3735 **Lilliput Double Mixed** 15 in. The plants form handsome little bushes and fairly bristle with tiny, short stemmed, very double flowers, hardly exceeding a daisy flower in size. They are very pretty plants, bloom all summer until late in the fall. 1/4 oz 25c.. 10

3740 **Pompone Double Mixed** 2 ft. A very fine strain, containing many rich colors and shades. The flowers are in size between the Lilliput and the Large flowering. 1/2 oz 15c.. 5

3745 **Red Riding Hood** 1 ft. Of compact form and covered the entire season with little button-like, intense scarlet flowers not over an inch across; as a border plant it is highly effective. 1/4 oz 25c.. 10

3750 **Mexicana Hybrida** 12 in. Flowers the size of a large Daisy, single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the marigold, the gaillardia, and the chrysanthemum. They are extremely free flowering and pretty. 1/4 oz 25c.. 10

3755 **Mexicana Hybrida Fl. Pl.** 15 in. Double Miniature Zinnia, flowers bright golden yellow, fine for edging. 1/4 oz 25c.. 10

3800 **WILD FLOWER GARDEN** A mixture of easily grown annuals, for the decoration of children's gardens, prairies, shrubberies, etc. 1 lb \$1.00; 1/4 lb 30c; 1 oz 10c.. 5



**TUBEROUS ROOTED BEGONIAS**

Unexcelled for summer bedding, making a brilliant show throughout the entire season. Should be planted in very rich, well drained soil and in a location where they will be protected from the direct rays of the sun during the hottest part of the day.

**SINGLE SORTS**—White, Scarlet, Yellow, Pink. Each, 6c; 4 for 20c; doz., 60c; 100, \$4.00; 250 for \$9.00.

**SINGLE MIXED COLORS**—Each, 5c; 4 for 18c; doz., 50c; 100, \$2.50.

**DOUBLE SORTS**—White, Scarlet, Yellow, Pink. Each, 10c; 4 for 35c; doz., \$1.00; 100, \$7.00; 250 for \$15.00.

**DOUBLE MIXED COLORS**—Each, 8c; 4 for 30c; doz., 80c; 100, \$6.00.

**NEW FREE-FLOWERING TUBEROUS BEGONIAS.**

**Bertini.** 10 to 12 inches high; single flowering, elongated petals, vermillion color. The flowers are produced on graceful stems well above the foliage, and for brilliancy of color cannot be surpassed. Each, 20c; 3 for 55c; doz., \$2.00; 100, \$15.00.

**Cristata.** Curious strain of Single Begonias with flowers of good size, bearing on each petal a crest or beard composed of curiously twisted threads which give flowers an interesting appearance. Each, 20c; 3 for 55c; doz., \$2.00; 100, \$15.00.

**Cardinal.** 12 to 15 inches high. As grown in our trial grounds this variety has proven to be one of the best sun resisting Begonias in existence. Flowers are single, of a dark rosy scarlet, and measure 2½ to 3 inches in diameter. Plants are of strong vigorous habit, and free flowering. Each, 25c; 3 for 65c; doz., \$2.50; 100, \$18.00.

**Graf Zeppelin.** Of dwarf habit, 6 to 8 inches in height. Double flowers of rich scarlet. Each, 20c; 3 for 55c; doz., \$2.00; 100, \$15.00.

**Lafayette.** A splendid bedding variety. Flowers are of a most brilliant fiery scarlet, double, and borne upright on their stalks. One of the best for bedding, as it blooms all summer. Each, 20c; 3 for 55c; doz., \$2.00; 100, \$15.00.

**CALADIUM ESCULENTUM Elephant's Ear.**

One of the most effective and easily grown foliage plants for the lawn or border. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants. Will thrive in any ordinary garden soil, but to get best results plant in rich soil and give plenty of water.

**FIRST SIZE BULBS.** 1½ to 2½ inches in diameter. Each, 7c; 3 for 18c; doz., 60c; 100, \$4.00. Postage, 3c each.

**SELECT SIZE BULBS.** 2½ to 3 inches in diameter. Each, 10c; 3 for 25c; doz., 85c; 100, \$6.00. Postage, 5c each.

**EXTRA LARGE BULBS.** 3 to 4 inches in diameter. Each, 15c; 3 for 40c; doz., \$1.50; 100, \$10.00. Postage, 10c each.

**MAMMOTH SIZE.** Beautiful bulbs. Each, 25c; 3 for 70c; doz., \$2.50; 100, \$15.00. Postage, 15c each.

**FANCY LEAVED VARIETIES.** Fine for decorating the conservatory, greenhouse and window boxes, also for planting outdoors when ground has become warm. Our selection varieties, each, 30c; 3 for 80c; 6 for \$1.50; doz., \$2.50, postpaid.

**Crinum Kirkii.** The flowers are fragrant, petals broad and white, with a deep purple reddish stripe through the center. Large bulbs, 40c each; 3 for \$1.00, postpaid.

Amaryllis Vittata Hybrids.



BEGONIA LAFAYETTE

**Amaryllis**

Very popular for house culture and easily grown by everyone, the chief point being to give the bulbs alternate periods of rest and growth. When the leaves appear give water and plenty of light; after flowers are off and leaves have started to turn yellow withhold water and put pot away from light. Do not start growth again until bulb shows signs of life itself, which it will do (even when soil is perfectly dry) by pushing out new leaves.

**Belladonna Major.** Fine variety for fall blooming, very free flowering and fragrant. Flowers which are a lovely shell pink color are borne on stems 2 to 2½ ft. high. Mammoth bulbs, 35c each. Selected bulbs, 20c each; doz., \$2.00, by express at purchaser's expense.

**Vittata Hybrids.** These are unnamed seedlings, secured from that famous hybridizer, Luther Burbank. The flowers cannot be surpassed for their richness of color and markings; spikes are usually from 2 to 3 feet in height, bearing from 3 to 5 enormous trumpet shaped flowers, measuring sometimes 10 inches across. Something new and distinct in Amaryllis and should be given a trial by everyone. Each, 50c; 3 for \$1.25; doz., \$4.75 25 for \$7.50, by express at purchaser's expense.

**Johnsoni.** Has immense trumpet-shaped flowers, which measure 6 to 8 in. across, are borne on strong, fleshy flower spikes and are of rich, deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. Large bulbs, each, 25c; 3 for 60c. Mammoth bulbs, each, 40c; 3 for \$1.00, by express at purchaser's expense.

**Formosissima.** One of the most popular of the Amaryllis family, flowers are of a beautiful dark scarlet, strangely marked. Planted outdoors after danger of frost is over will bloom during the summer, and if lifted in early fall, can be carried over winter like the Gladiolus. Large bulbs, each, 10c; 3 for 25c; doz., 90c, by express at purchaser's expense.

**Apios Tuberosa.** Splendid hardy climber that is not well enough known. Will grow to a height of 8 to 10 feet, vine and foliage resembling a miniature Wistaria flower; are very fragrant and of a deep purple color. 2 for 10c; 5 for 20c; doz., 45c; 100 for \$2.50, postpaid.

**NEW AND RARE CALLAS.**

**Elliotiana.** Flowers are of a rich golden yellow, often measuring from 4 to 5 inches across. Foliage is the same as that of the well known Spotted Calla, deep green with white spots. Each, 35c; 3 for \$1.00; doz., \$3.50.

**Rhemanni.** New variety which has created a sensation in Europe. A strong free grower with large flowers of a beautiful pink color. Each, 30c; 3 for 75c; doz., \$2.75.

**Spotted Leaf.** Similar to the well-known White Calla, but having its glossy, dark, rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Each, 10c; doz., \$1.00.

**Cinnamon Vine.** Well-known, hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet scented flowers. Vines will run 25 or 40 feet in one season; good roots. Each, 5c; doz., 50c; 100 for \$3.50. Extra large roots, 10c each; 3 for 25c; doz., \$1.00; 100 for \$6.00.

**Chlidanthus Fragrans.** Of free flowering habit, with beautiful lemon flowers, very fragrant, being a combination between the Lilac and the Tuberose. Each, 10c; 3 for 25c; doz., \$1.00.



Showing Tropical Effect Obtained from Planting in Border.

# GLADIOLI

## SPLENDID SUMMER FLOWERING BULBS

Our stores at Chicago and New York have taken a front rank in the last few years in growing and wholesaling the Gladioli.

No flower gives such splendid results from easy, simple culture.

We have introduced two remarkable kinds in recent years—Princeps, the \$1,000 wonder, and Mrs. Francis King, the remarkable cut flower sort. In addition, we are selling 100,000 Bulbs per year of another popular kind besides a million bulbs of other classes.

We have become headquarters for all the best selections in quantities, and florists are planting our named early flowering types in five to ten thousand lots, growing them under glass and in larger quantities for cut flowers in the fields.

You will make no mistake in buying all Gladiolus bulbs at our stores.

Prices on single bulbs and dozens include postage; 50 and 100 lots are not prepaid.

**AUGUSTA.** Pure white, blue anthers. Each 4c, doz 40c, 100 for \$2.50.

**BRENCHLEYENSIS.** Intense fiery scarlet. Very showy. Each 3c, doz 25c, 100 for \$1.75.

**CANARY BIRD.** Clear canary yellow, finest yellow Gladiolus in existence. Each 10c, doz \$1.00.

**CERES.** White, spotted purplish rose. Each 3c, doz 25c, 100 for \$1.75.

**CHAMONT.** Lilac shaded purple. Each 8c, doz 85c.

**CHRYSOLORA.** Golden yellow, fine variety. Each 25c, doz \$2.00.

**CONTRAST.** Color intense scarlet, with large pure white center. Flowers are of great substance. Each 30c, doz \$3.00.

**CORSAIRE.** Dark velvety scarlet, compact spike. Each 8c, doz 85c.

**COUNTESS CRAVEN.** Rose flaked carmine. Each 10c, doz \$1.00.

**DAWN.** Beautiful shell pink, fine cut flower. Each 25c, 3 for 70c doz \$2.50.

**EMMA THURSBY.** Striped carmine, on white ground. Each 5c, doz 50c, 100 for \$3.00.

**EUGENE SCRIBE.** Tender rose, blazed carmine red. Each 8c, doz 75c.

**GLORY OF BRIGHTWOOD.** Scarlet, lemon throat. Each 8c, doz 75c.

**ISAAC BUCHANAN.** Fine clear yellow, large spike. Each 8c, doz 75c.

**JESSIE.** Rich velvety red, fine spike, early bloomer. Each 3c, doz 30c, 100 for \$2.00.

**MADAM MONNERET.** Rose color. Each 8c, doz 50c, 100 for \$3.00.

**MAY.** Pure white flaked rosy crimson. Each 4c, doz 35c, 100 for \$2.00.

**MARGARET.** Brilliant carmine with large white blotch on lower petals. Each 35c, 3 for \$1.00, doz \$3.50.

**OCTOORON.** Clear salmon pink, large flowers. Each 5c, doz 40c.

**REINE BLANCHE.** Pure white, dark carmine blotch. Each 5c, doz 50c.

**SHAKESPEARE.** Blush white with large rosy blotch. Each 8c, doz 75c, 100 for \$5.00.

**SULPHUR KING.** One of the best and clearest yellows, fine large spike. Each 20c, doz \$2.00.

**SPECIAL OFFER, No. 500B.** Two each of following six, mailed postpaid for 50c. Augusta, Ceres, Eugene Scribe, Isaac Buchanan, Octofoon, Shakespeare.

### GIANT FLOWERED—Childsii Type

There are positively no Gladioli in the world that equal the best named kinds of this Grand Class, perfected and developed by the world's greatest Gladioli expert, the late Edward V. Hallock.

There are scores of so-called Hybridizers and self-exploited experts in America, but they can all be forgotten when you plant 25 different named Childsii kinds.

**ALINE.** Pure white, slightly striped crimson, flower is wide open. Each 30c, doz \$3.00.

**ATTRACTION.** Deep rich crimson, with large white center and throat. Each 10c, doz \$1.00.

**BLANCHE.** Large pure white flowers with but faint markings. Plant is of medium height and is rarely blown over. Each 15c, doz \$1.50.

**BRILLIANT.** Orange red, carmine and white throat. Each 7c, doz 75c.

**CARDINAL.** Large handsome spike; color, clearest and most intense scarlet. Each 15c, doz \$1.50.

**COLUMBIA.** Light orange, scarlet, blotched and penciled with bluish purple; throat freely mottled. Each 5c, doz 50c.

**DEBORAH.** Dark red, tinged with amaranth. Each 10c, doz \$1.00.

**EVA.** Rose shaded, marked with slate. Each 7c, doz 75c.

**GOVERNOR MCGORMICK.** Large flower and truss. Beautiful rose, mottled with silver gray, white throat. Each 7c, doz 75c.

**HENRY GILLMAN.** Salmon scarlet, white bands. Each 5c, doz 50c.

**IRENE.** Pink flaked with crimson, open flower. Each 8c, doz 75c.

**I. S. HENDRICKSON.** Large handsome spikes, color an irregular mottling of white and pink. Each 15c, doz \$1.50.

**KATE.** Fine blush white, crimson blotch in throat. Each 5c, doz 50c.

**LITTLE BLUSH.** Blush white, dwarf. Each 7c, doz 75c.

**MOHONK.** Dark pink, spotted throat; large. Each 10c, doz \$1.00.

**MRS. BEECHER.** Beautiful deep rosy crimson, well opened flower, pure white throat freely marked and spotted. Each 10c, doz \$1.00.

**SUNLIGHT.** Light crimson with canary yellow throat. Each 10c, doz \$1.00.

**SUPERB.** Large flower, pink, flaked and striped with salmon pink. Each 5c, doz 50c.

**VARIABILIS.** Blue black flaked pink. Each 8c, doz 75c.

**WM. FALCONER.** Flowers of enormous size, light pink and blush mottled. Each 8c, doz 75c.

**SPECIAL OFFER, No. 600B:** Two each of the following six varieties, sent by mail postpaid, for 70c. Blanche, Columbia, Henry Gillman, Mohonk, Kate, Wm. Falconer.

### VAUGHAN'S MIXTURE—How Made

Our mixtures are made up from first-class named kinds and high grade special selections made in the growing fields; in this way we are sure of the right proportion of all most desirable and attractive colorings.

#### RAINBOW MIXTURE

This name has been chosen by us for the highest quality blendings of the many excellent named varieties shown on this page, including Childsii kinds with several other choice varieties of which we do not have sufficiently large quantities to offer in our catalogues. This is the best mixture we can make up and we believe unexcelled by that offered by any other American firm.

Price, 4 for 25c, doz 70c, postpaid; by express, 50 for \$2.25, 100 for \$4.00, 250 for \$9.00.

#### EXTRA FINE

This splendid mixture is grown for us by Gladioli specialists each year and besides the mixture as originally grown many choice new kinds, including some Childsii, are added to the stock before sending it out to our customers. This insures a wide range of colors, shades and types.

Price, 4 for 20c, doz 50c, postpaid; by express, 50 for \$1.65, 100 for \$2.85.

#### "CHILDSII FINE"

This mixture contains a very complete range of all the splendid Childsii varieties. Included in this are many Childsii seedlings not yet named.

Price, 4 for 20c, doz 50c, postpaid; by express, 50 for \$1.75, 100 for \$3.25.

All the Gladioli offered are strictly first-size bulbs unless mentioned otherwise.

#### VAUGHAN'S SEEDLINGS

We make up this assortment from unnamed seedlings of our own and from several Gladiolus specialists. This mixture contains excellent values.

Price, 4 for 15c, doz 40c, postpaid; by express, 50 for \$1.25, 100 for \$2.00, 250 for \$4.00.

#### LEMOINE'S HYBRIDS

This distinct type is known also as Butterfly Gladioli. The flowers are somewhat hooded, but the colors are brilliantly blotched and marked. Flower spikes do best when staked.

Price each 5c, doz 25c, postpaid; by express, 25 for 45c, 100 for \$1.75.

#### GOOD MIXED

We have thrown away all the common and cheap left-overs which our trial grounds have proved to exist in ordinary mixtures offered by us, and we do not intend to send out any mixtures, even of our cheapest, that will not make brilliant showing in the gardens of our customers.

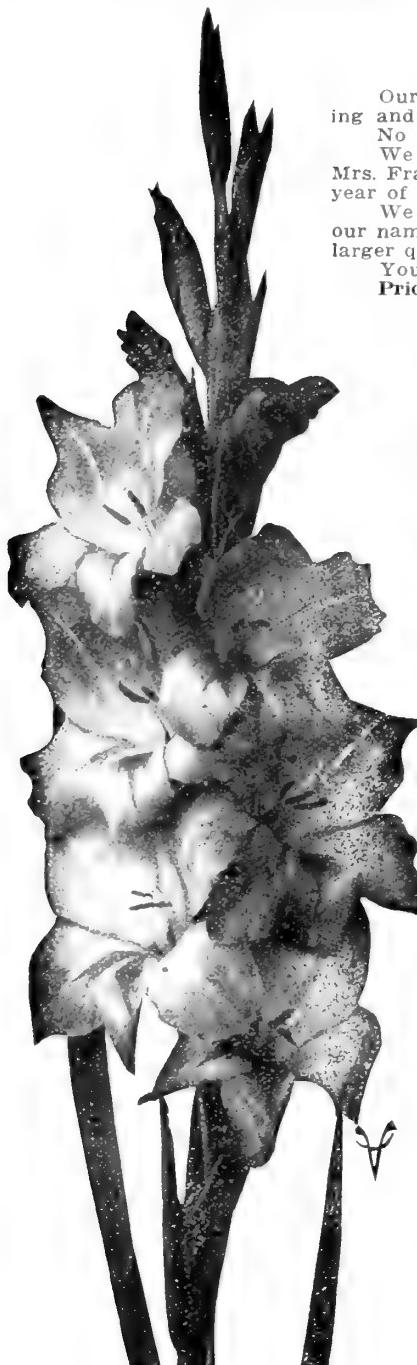
This one, our cheapest, which we call "GOOD MIXED," will be found satisfactory for everywhere excepting in the flower beds of the most critical. They are useful for mixed beds, borders and where large masses are to be planted.

Price, 4 for 12c, doz 30c, postpaid; by express, 50 for 90c, 100 for \$1.50, 250 for \$3.00, 500 for \$6.50.

#### GLADIOLUS IN COLORS

All large flowering bulbs. Postpaid. Express at buyer's expense.

	Each.	Doz.	Per 100.	Per 1,000.
Red and Scarlet Shad.	\$0.05	\$0.35	\$0.86	\$1.50
Scarlet White Throat.	.06	.50	1.35	2.50
Pink Shad.	.05	.40	1.10	2.00
Yellow Shad.	.07	.65	2.50	4.50
Striped Shad.	.06	.50	2.00	3.50



MRS. FRANCIS KING

For price and description see page 16.

#### TEN BEST GLADIOLI

Selected from our list as being best varieties to date.

Princeps, \$1,000 scarlet.

Aline, extra large open white.

Blanche, White with faint marks.

Contrast, Intense scarlet, white center.

Mrs. Francis King, Light scarlet, new.

America, Soft flesh pink, new.

Baron Holst, finest blue.

I. S. Hendrickson, Large white and pink.

Shakespeare, White suffused rose.

Canary Bird, Finest yellow.

Special Offer, Ga., 1 each of above.

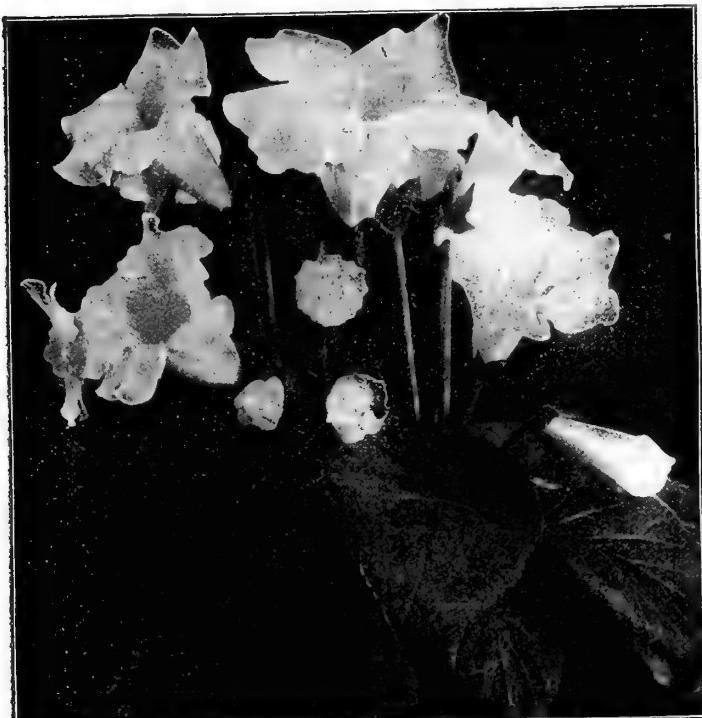
10 bulbs for \$1.35, prepaid.

Special Offer, Gb., 5 each of above.

50 bulbs for \$6.50, prepaid.

Special Offer, Gc., 10 each of above.

100 bulbs for \$12.50, prepaid.



**GIANT FLOWERED GLOXINIAS  
MADEIRA VINES**

One of the best and most popular climbers, not for the flower which is insignificant, but for its leaves which are small dark green and very dense. Vine is of slender growth and will succeed in any location, doing best however, in a sunny sheltered place. Not hardy and roots should be taken up in fall. Strong tubers, each 5c, 3 for 12c, per doz 40c, postpaid; 25 for 75c, 100 for \$2.50 by express.

**MILLA BIFLORA (Mexican Star Flower)**

Very effective summer flowering bulb; can be grown in garden or pots. Height 12 to 18 inches. Flower clear waxy white, star shaped, about 2 inches across and borne in pairs. Very fine as a cut flower will keep for days. Plant in sunny location, about 6 inches apart.

Each 5c, doz 50c, postpaid \$4.00 per 100.

**MONTBRETTIAS**

One of the brightest and best of Summer flowering bulbs. Plant in clumps of six to twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Mixed varieties, 3 for 10c, per doz 30c, 100 for \$2.00, postpaid.

**SUMMER FLOWERING OXALIS**

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage about one foot high and continuous show of bloom. Pure white, pink or red. Either color, per doz 10c, 35 for 25c, 100 for 50c, postpaid.

**Suromatum Guttatum (Monarch of the East).**

Curious novelty from far East. Grows without soil or water, only treatment necessary being to place the bulb on a table or shelf in a warm room or greenhouse. Very soon the bulb begins to show a head and within a week or two a curiously formed flower 16 to 18 inches long develops. Flowers are spotted red on a yellowish orange ground and are distinct from any others both in coloring and shape. Each 30c, 3 for 80c, doz \$3.00.

**SPIRAEA or ASTILBE**

Handsome bushy plants the flowers being borne in feathery plumes well above foliage. Easily grown and can be used either for outdoor planting or as a pot plant.

**Gladstone.** Produces enormous spikes of pure white flowers and resplendent with foliage of a beautiful green. The best of the Spireas. 25c each; \$2.50 per doz.

**New Pink Spirea, Queen Alexandra.** Of a clear pink color with dense compact spikes; the plants are most attractive. 40c each; \$1.10 for 3; \$3.50 per doz.

**SPECIAL SUMMER COLLECTION**

**85 Bulbs \$1.50**

Sent by Express at buyer's expense.

- 12 Maderia Vines.
- 7 Hyacinthus Candicans.
- 3 Zephyranthus Candida.
- 12 Tuberoses, Dwarf Pearl.
- 12 Montbretias.
- 36 Oxalis in 3 Colors.
- 3 Ismene Calathina.



**MAMMOTH PEARL TUBEROSE**

## Tuberoses and Other Summer

### Flowering Bulbs

#### GLOXINIAS New Giant Flowering Hybrids

Beautiful tuberous rooted plants of dwarf habit and one of the most useful pot plants for indoor culture. Flowers are trumpet shaped, borne erect above the leaves and of exceedingly rich coloring and marking, ranging from deep scarlet to violet blue.

Use part leaf mold and sand in potting as they like a light soil; be careful in watering so as not to wet the leaves, otherwise they will spot and plant lose part of its beauty.

**EMPEROR FREDERICK.** Red; with a pure white border.

**MONT BLANC.** Pure white.

**DEFIANCE.** Rich crimson-scarlet.

**EMPEROR WILLIAM.** Violet-blue, with white throat tinged and spotted; beautifully streaked and spotted.

Each 12c, 3 for 35c, doz \$1.25, postpaid.

Mixed colors, each 10c, 3 for 25c, doz \$1.00.

#### HYACINTHUS CANDICANS (Summer Hyacinth)

Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, borne on stalks four feet high. Plant in rear on account of tall growth. Each 5c, 3 for 12c, doz 45c, postpaid: by express, 25 for \$1.00, 100 for \$3.00.

#### IPOMOEA PANDURATA

Rapid growing climber, absolutely hardy, thriving in almost any soil. Flowers are abundant, pure white with purple throat, foliage is luxuriant. One of the best climbers for northern latitudes.

First size roots, postpaid, 15c, doz \$1.50. Extra size roots, by express, each 25c, doz \$2.50.

#### ISMENE CALATHINA

This curious plant throws up its flower spikes as soon as growth commences and before the leaves. Flowers are pure white borne three or four on a stem and are very fragrant. Not hardy. Treat bulb same as Gladiolus. 20c each, 3 for 50c, doz \$1.75.

#### TUBEROSES

One of the best known and most easily grown summer flowering bulbs. Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower for house decoration. If started in pots and then transplanted to open ground, can be had in flower much earlier.

#### EXCELSIOR DWARF PEARL Mammoth

Our "Mammoth Excelsior Dwarf Pearl" is a special selection made for many years of the most Dwarf, double, and full flowered spikes and is exceptionally sturdy and dwarf in habit. This "Mammoth strain" is positively the highest type of the Tuberose. The kind to grow if you desire "prize" blooms. Price, each 7c, 4 for 25c, per doz 65c, postpaid; by express, each 5c, doz 50c, per 100 \$3.00. We supply 25 and over at the 100 rate.

**First Size Bulbs.** 3 for 15c, per doz 50c; postpaid by express, 3 for 12c, doz 35c, per 100, \$2.00.

**Second Size Bulbs.** All flowering, often sold by so-called "Bargain Stores" under the name "first-class." 6 for 15c, doz 25c, postpaid; by express, 6 for 12c, doz 20c, per 100 \$1.00.

#### ARMSTRONG'S EVER-BLOOMING

This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut flower and should be in every one's garden. Each 7c, 4 for 25c, doz 60c, postpaid.

**SILVER LEAVED.** This is an early single kind, with striped leaves, making a grand show on account of its striking foliage. Each 5c, doz 50c, postpaid.

**SINGLE.** Sometimes called Orange Flowered. Blooms very early and are exceedingly graceful and pretty. Each 4c, 3 for 10c, per doz 35c, postpaid.

**ALBINO.** New branching single variety, blooming much earlier than the old single variety, fine for cut flowers. Each 5c, per doz 40c, postpaid.

#### SPIDER LILY, PANCRATIUM

Beautiful flat clusters of large pure white flowers, the petals of which are narrowed and wide spread, giving each a "spidery" effect. They have a sweet fragrance that is not oppressive. Price, large bulbs, each 15c, doz \$1.50.

#### ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs for pot culture. Plant three or four bulbs in a five or six-inch pot. Treat in garden same as a Gladiolus.

**ROSEA.** Beautiful clear rose; flowers large and very handsome; blooms all summer. Each 5c, doz 50c, postpaid.

**CANDIDA.** Pure white and the most profuse bloomer of all. 3 for 10c, doz 30c, 100 for \$2.00, postpaid.



LILUM AURATUM

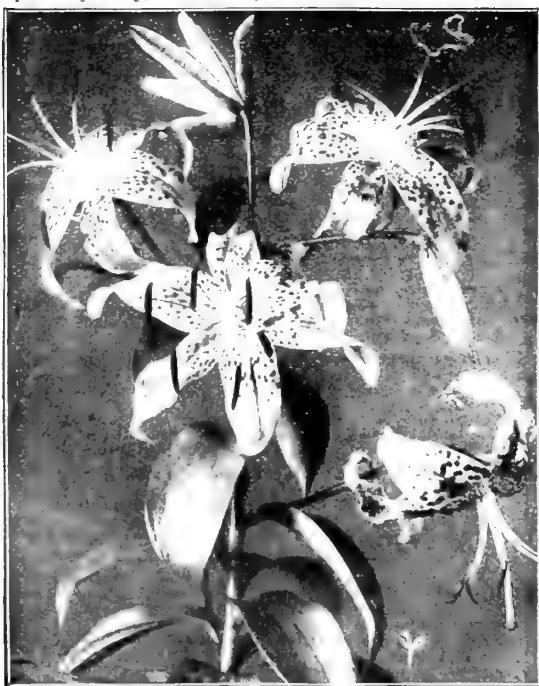
**SPECIOSUM MELPOMENE.** A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals are recurved and widely bordered. First size, about 8 to 9 inches in circumference, each 20c, 3 for 50c, per doz \$1.50, 25 for \$2.25, 100 for \$8.00; mammoth bulbs, about 9 to 11 inches, each 35c, 3 for 90c, per doz \$1.85, 25 for \$3.25.

**HENRYI.** Bright apricot yellow with Speciosum form, tall growing, free flowering. **Each 75c postpaid.**

**ELEGANS MIXED.** This large showy lily, bright orange red, has proven hardy and effective for both beds and borders. **Each 10c; 3 for 25c; doz \$1.00 postpaid.**

**BROWNII.** Large ten-inch trumpet-shaped flower, splendid soft chocolate purple color outside with pure white inside and throat. Stamens rich brown. **Each 60c; doz \$7.00 postpaid.**

**CANADENSE.** (Meady Lily) Graceful, drooping, bell-shaped, red and yellow flowers, typical of our northern meadows, perfectly hardy. Fine bulbs, **each 10c, doz \$1.00 postpaid.**



LILUM SPECIOSUM RUBRUM

**LILY COLLECTION.** One bulb each of the 16 most hardy and desirable sorts shown on this page, (list price \$3.50), but we will prepay to destination for the very special sum of \$2.50.

## HARDY GARDEN LILIES

Unless otherwise mentioned, price of single bulbs and lots of 3 include postage; the dozen, 25 and 100 prices are by express at purchaser's expense.

### AURATUM, Gold Banded

The most beautiful and popular variety of all the Lily family; should be in every garden. Illustration on this page is taken from a photo of a plant grown from one bulb in the garden of one of our customers. Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. First size, about 8 to 9 inches in circumference, each 20c, 3 for 50c, per doz \$1.25, 25 for \$1.75, 100 for \$6.00, mammoth size, about 9 to 11 inches, each 35c, 3 for 90c, per doz \$1.75, 25 for \$3.00, 100 for \$11.00; monster bulbs, about 11 to 12 inches, each 50c, 3 for \$1.35, per doz \$2.50, 25 for \$4.50, per 100 \$16.00.

### SPECIOSUM ALBUM, White

Splendid companion variety for Auratum and Rubrum. Pure White, with beautiful recurved petals, very fragrant. This, with Rubrum and Melpomene, belongs to the Speciosum section. First size, about 8 to 9 inches in circumference, each 30c, 3 for 85c, per doz \$2.00, 25 for \$2.75, 100 for \$10.00. Mammoth bulbs, about 9 to 11 inches, each 40c, 3 for \$1.15, per doz \$3.00, 25 for \$5.00, 100 for \$18.00.

### SPECIOSUM RUBRUM, Crimson Banded

We consider this the most satisfactory of the Speciosum class. Once planted in a favorable location will last for years. Flowers are white, with a deep rosy crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and have all the hardiness of the Speciosum class. First size, about 8 to 9 inches in circumference, each 20c, 3 for 50c, per doz \$1.25, 25 for \$2.00, 100 for \$6.00; mammoth bulbs, about 9 to 11 inches, each 35c, 3 for 90c, per doz \$1.75, 25 for \$3.00, 100 for \$11.00; monster bulbs, about 11 to 12 inches, each 50c, 3 for \$1.35, per doz \$2.50, 25 for \$4.50, 100 for \$16.00.

**PARDALINUM (Leopard Lily).** Rich scarlet and yellow flower, spotted with rich brown. Robust and free-flowering. A superb Lily; gives greatest possible satisfaction; succeeds in all situations. **Each 12c, 3 for 30c, per doz \$1.20, postpaid; by express, 25 for \$2.25; per 100 \$8.00.**

**SUPERBUM.** The finest of the native Lilies. Flowers bright orange-red, thickly spotted with purple. Remarkable for immense height (often 8 feet) and profusion of bloom; a strong plant bearing from 20 to 30 flowers. **Each 10c, per doz \$1.00, postpaid; by express, 25 for \$2.00, per 100 \$7.00.**

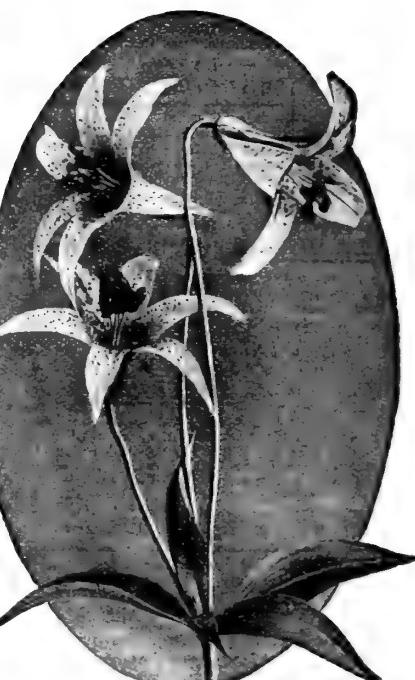
**TENUIFOLIUM (Siberian Lily).** A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free-flowering, blooming early in the spring. It is very easy of cultivation, requiring only a well-drained sandy soil. **Each 15c, doz \$1.50.**

**TIGRINUM (Single Tiger Lily).** Very hardy native Lily; orange-red, spotted with purple-black. Is very pretty and bears from 8 to 20 flowers. **Each 10c, per doz 1.00, postpaid; by express, 25 for \$1.75, per 100 \$6.00.**

**TIGRINUM SPLENDENS (Improved Single Tiger Lily).** Very hardy native Lily; orange-red, spotted purple-black. Pretty and bears 8 to 20 flowers when well established. **Each 12c, per doz \$1.20, postpaid; by express, 25 for \$2.00, per 100 \$7.00.**

**TIGRINUM FLORE PLENO.** The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. **Each 12c, per doz \$1.25, postpaid; by express, 25 for \$2.25, per 100 \$8.00.**

**UMBELLATUM.** A splendid hardy Lily, and should be found in every garden; it makes a beautiful companion to *L. Canarium*, as it comes into bloom at the same time, and they make a rich combination of color if planted together. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc.; blooms about June 20. **Each 15c, per doz \$1.50, postpaid; by express, 25 for \$2.50, per 100 \$10.00.**



LILUM CANADENSE

### LILY-OF-THE-VALLEY

No garden is complete without a bed of these fragrant flowers. Should be planted in a shady place, where if left to themselves they will spread and increase rapidly. For planting outdoors the clumps are generally used, the pips being for indoor forcing; they, however, will give good satisfaction planted outdoors, as each pip contains a flower, which is not always the case with the pips found in the clumps.

**LARGE IMPORTED CLUMPS.** Planted in a shady, moist situation, being one of the hardest of flowers they require little or no protection. **Each 35c, per doz \$3.50, 25 for \$6.25; by express or freight at buyer's expense.** If wanted by mail, add 20c each for postage.

**COLD STORAGE PIPS FOR GREENHOUSE FORCING.** Finest imported quality. Prompt delivery, any quantity, but not less than 100 pips at a time.

Price per 100 \$2.00, 250 for \$4.50, 500 for \$8.50, 1,000 for \$16.00, by express.

**LARGE FLOWERING GERMAN PIPS.** Six for 15c, 12 for 25c, postpaid; by express, 25 for 40c, 100 for \$1.50, 250 for \$3.50, 500 for \$6.50, \$1,000 for \$12.00.



COMBINATION BED OF CASTOR BEANS, KING HUMBERT CANNA, PENNISETUM LONGISTYLOM, S. A. NUTT GERANIUM AND MAD. SALLEROI GERANIUM

## PLANT DEPARTMENT

**Plants by Mail.** Small plants will be sent free by mail when so desired. The greater part or all of the soil is removed from the roots, which are carefully packed in damp moss. We forward bulky plants, such as large Roses, Shrubs, and similar stock by express.

**Plants by Express.** We express plants at purchaser's expense, but express is 20 per cent. less on plants than on general merchandise. We strongly urge this method of transportation, as it enables us not only to give better values in larger and finer plants, but we also always add liberal "extras" to help defray charges, and unless instructed to the contrary, all orders are forwarded by express.

**Plants by Rail.** Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines, even to very distant points, at low rates.

**Safe Arrival Guaranteed.** We guarantee the safe arrival of all plants to any point in the U. S. or Canada when sent by express. If forwarded in any other manner they are entirely at the risk of the purchaser.

**IMPORTANT**—We ship all orders for plants immediately upon receipt. We will reserve plants for future shipment, but instructions to that effect must accompany the order. This applies specially to plants ordered in winter.

## BEDDING PLANTS

We grow large quantities of these popular subjects and are always in position to fill the largest orders.

Prices for single plants, from small pots, include postage; larger plants, from 3, 4 and 5-inch pots, dozen and hundred lots are sent by express at buyer's expense.

	Each	Doz.	100	Each	Doz.	100	
AGERATUM LITTLE BLUE STAR. Intense blue.	.15	\$1.25	\$ 6.00	DRACAENA INDIVISA. Fine for center of vases, beds and window-boxes, 2½-inch pots.....	.15	\$1.25	
ALTHERNANTHERA. Green and Red foliated varieties.....	.60	4.00		4-inch pots.....	.25	2.50	
ALYSSUM LITTLE GEM. Pure white, sweet scented.....	.60	4.00		Larger plants, each 50c, 75c and \$1.00.			
ANTIRRHINUMS. Vaughan's Select Strain, all colors.....	.60	4.00					
ASTERS. Vaughan's Giant Branching. Separate colors or mixed. Flat grown plants.....	.25	1.75		ECHEVERIA. Secunda Glauca. (Hen and Chickens).....	.15	1.25	\$ 7.00
Pot grown plants.....	.50	3.50		FEVERFEW. Double White.....	.10	1.00	8.00
BEGONIA, Fairy Queen. Deep pink, changing to rose.....	.15	1.25	6.00	Golden Feather. For edges of beds.....	.60	4.00	
Begonia Luminosa. This is an improved Vernon, a splendid bedding.....	.20	1.50	10.00	HELiotrope CENTEFLeur. This is the best dark Heliotrope to date.....	.15	1.50	10.00
Vernon. Bright orange carmine, red foliage.....	.15	1.00	6.00	IVY. English. Highly prized for window-boxes and trellises. 2-inch pot plants.....	.15	1.25	8.00
Tuberous Rooted. Vaughan's Superb Double Mixed, in pots.....	.30	3.00		4-inch pot plants.....	.25	2.50	18.00
Tuberous Rooted. Vaughan's Superb Single Mixed, in pots.....	.25	2.50		German. (Senecio Scandens). 2-inch pot plants.....	.10	1.00	8.00
CALADIUM ESCULENTUM. (Elephant Ear), In 5-inch pots.....	.35	3.00	20.00	3-inch pot plants.....	.20	1.75	12.00
In 6-inch pots.....	.50	4.00	30.00	LOBELIA. Bedding Queen. Single blue.....	.60	4.00	
(For Fancy Leaved Sorts see House Plants.)				Kathleen Mallard. New double blue.....	.15	1.25	
CANTERBURY BELLS. (See Hardy Perennials).				MUSA ENSETE. (Banana Plant).....	35.-50		
CASTOR OIL PLANT. ( <i>Ricinus</i> ). Fine foliage plant for center of beds and sub-tropical planting..	.10	1.00	6.00	PANSY. Vaughan's International Prize Medal Strain.....		.50	9.75
CENTAUREA GYMNOCARPA. (Dusty Miller.)		.60	4.00	PARIS DAISY. Queen Alexandra. Pure white..	.15	1.50	
COLEUS. Anna Pfister. Foliage, bright yellow and crimson.....	.10	1.00	6.00	PENNISETUM LONGISTYLOM. White Plumes.	.10	1.00	6.00
John Pfister. Foliage, bright crimson edged gold.	.10	1.00	6.00	Ruppelianum. Fine graceful foliage.....	.10	1.00	6.00
Standard Bedding Kinds. From 2 in. pots....	.10	.60	4.00	PETUNIAS. Purity, Grand New Double White.	.15	1.50	
COSMOS. Giant Flowering Late Mixed. Grand subject for back of borders and makes a splendid cut flower.....	.60	4.00		Fine double sorts, mixed, cuttings 2½-inch pots..	.15	1.50	
Early Blooming Mixed. Very early flowering..	.60	4.00		Single fringed, mixed, seedlings, 2½-inch pots.....	.10	1.00	6.00
Lady Lenox. Rich, deep pink, flowers immense size	.60	4.00		SALVIAS. (Scarlet Sage.) Fireball.....	.15	1.25	8.00
DAISY. English Pink and White.....	.60	4.00		Zurich. Brilliant Scarlet, dwarf.....	.10	1.00	6.00
				Variegated Sage. Foliage green and white.....	.10	1.00	6.00
				THUNBERGIA. (Black Eyed Susan).....	.10	1.00	6.00
				VERBENA. Vaughan's Best Mixture.....		.60	4.00
				Lemon Scented.....	.15	1.50	
				VINCA. Major Variegata			
				2-inch pot plants.....	.15	1.50	10.00
				4-inch pot plants.....	.25	2.50	18.00
				Minor. (Grave Myrtle).....	.10	1.00	8.00

# VAUGHAN'S CANNAS

Our Cannas have painted in gorgeous colors—in scarlet, yellow and bronze—the yards of the finest homes, the station grounds and the parks all over the land. Their foliage is tropical and effective; the big flower spikes are always a mass of bloom from July 4th until frost. Vaughan's Cannas received the Grand Prize at St. Louis (only seven such prizes awarded in Horticulture at that Great Fair). We also received the highest awards at Chicago, Omaha and Buffalo. We flower and true them up on our grounds at Western Springs.

Cannas should be planted in good, rich garden soil, mixed with half of old rotten stable manure by the end of May, when danger from frost is past. Water sparingly for first two weeks after planting. When growing freely, water liberally. Set the plants 18 inches apart each way, and if more than one kind is used, be careful to plant the taller growing kinds in the center and the dwarf ones along the edge. This applies to planting in beds.

## KING HUMBERT (King of All Cannas)

**Giant Flowered. Orange Scarlet. Bronze Leaf.**

This remarkable "Gold Medal" Canna has been the sensation of the past five years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color and habit. It is a cross between the Orchid flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other; the handsome eatheery foliage with a strong, noble habit. It has the broadest leaves.

It is so distinctly in advance of any other Canna, that the demand for and use of it has become universal. We have taken the highest awards with it wherever shown in competition. For it we received a gold medal at St. Louis; it was the central figure in our "Grand Prize Exhibit." Be sure to order this one.

### PRICES

	Each	3 for	Doz.	100
2½-inch pots.....	\$0.15	\$0.40	\$1.25	\$ 8.00
3 -inch pots.....	.20	.70	1.50	10.00
4 -inch pots.....	.30	.80	2.50	18.00
5 -inch pots.....	.40	1.10	4.00	25.00

## NOVELTY SET CANNAS No. 1

**Cserna.** Foliage green, trusses dense, flowers of round form, petals very hard and substantial, more so than with any other Canna. Color a brilliant rich, dark carmine red, cleans itself.

**Hungaria.** Originated from crossings with Mad. Margaret Muhle, very compact; almost dwarf and of a very luxuriant growth. Leaves bluish green, never burns. Trusses of enormous size, borne well above the foliage. Flowers very large with very broad petals. Color purest La France pink with satin sheen. The most delicate pink in Cannas. **Each \$2.00.**

**John Farquhar.** Foliage bright, magnificent metallic brown red of particular beauty. Flowers salmon red streaked orange. The flowers which are borne well above the foliage form a beautiful contrast over the magnificent foliage.

**Tisza.** Foliage bluish green, of medium height, very strong and luxuriant, flowers very large, round and almost pure white with faint spots of red.

Price each \$1.50, except where noted. Set of 4 for \$5.00.

## NOVELTY SET CANNAS No. 2

**Adolph Grimminger.** Foliage broad dark green. Flowers of enormous size, brilliant light carmine. A very effective color. The flower heads are loose and of enormous size. **Each \$1.00.**

**Dernberg.** Foliage pale green. Color saturn red with blood-red center and reflex. A bright effective color. A very large flowering strong plant. A free blooming variety with a great future.

**Maros.** Foliage green, medium high, truss large, flower round, color almost white. One of the best white varieties.

**Princess O. Wallerstein.** Foliage extra broad, brownish-red and washed dark green. Flowers extra large, bright scarlet in four and sometimes five large broad petals, from which large bouquets can be made.

**Prince Wied.** Foliage dark green, flowers of extra size, borne in massive clusters and of a fiery velvety blood-red. One of the best red Cannas of dwarf growth, attaining a height of about three feet. **Each \$1.00.**

**Szava.** Foliage green, growth compact, fine trusses, flowers round, color fiery scarlet.

Price each \$1.35, except where noted. Set of 6 for \$6.50.

## NOVELTY SET CANNAS No. 3

**Charles Lutz.** A magnificent new sort, foliage large, vigorous and of a healthy green. Flowers very large yellow, might describe this as a green-leaved, yellow flowering King Humbert, because it has the same massive foliage and immense flowers as that "Best of all Cannas."

**Garam.** Foliage green, of magnificent growth, trusses very large, flowers of magnificent build, fiery carmine, cinnabar red. **Each \$1.00.**



**KING HUMBERT, (The Best of all Cannas)**

## NOVELTY SET CANNAS No. 3—Continued

**General Merkel.** Foliage light green, flowers brilliant red, spotted dark yellow in the center and surrounded by a yellow margin. Very free blooming. This variety might be called an Orchid-flowered Souv. de Antoine Crozy.

**Julius Koch.** Foliage dark green. Flowers composed of four broad, well rounded, large petals and of the most brilliant blood-red. One of the best reds in our collection.

**Stuttgartia.** Broad leaves, dark green, of majestic growth, flowers glowing orange-scarlet with canary-yellow band and peculiarly marked and mottled. The mammoth flowers are borne on strong stems and are carried erect above the foliage, having four broad petals of uniform size. The variety has the size of Orchid-flowering Cannas, as well as the richness of the Crozy types.

Price Each 75c, except where noted. Set of 5 for \$3.00.

## GRAND ORCHID FLOWERING CANNAS

**Allemania.** 4 to 5 ft. Green foliage. The outer petals are scarlet, with broad yellow border. Inside of bloom scarlet and dark red. **Each 15c; doz., \$1.25; per 100 \$8.00.**

**Burbank.** 5 ft. Green foliage. Purchased and introduced by us from the originator, Mr. Luther Burbank, of California. The flowers are gigantic in size. Toward the inner part the petals show fine crimson spots; all the rest of the flower is of a rich canary-yellow. **Each 15c; doz., \$1.25; per 100 \$8.00.**

**Frederic Benary.** 5½ to 6 ft. Green foliage. An early bloomer. Its flowers are currant red with orange throat and yellow edge. **Each 15c; doz., \$1.25; per 100 \$8.00.**

**Long Branch.** 5 ft. Tough, leathery, green foliage. The flowers resemble a giant flowering Queen Charlotte in the Orchid-flowering class, being bright crimson with wide, irregular border of yellow, and stands the sun equally as well as King Humbert. **Each 35c; doz., \$3.50.**

**Louisiana.** 6 ft. Very large beautiful vivid scarlet Orchid-like flowers, often measuring five to six inches across. Foliage a glossy green. **Each 15c; doz., \$1.25; per 100 \$8.00.**

**Montreal.** 4 ft. A new French Canna which is almost an exact counterpart of that grandest of all Cannas, King Humbert, having the same rich red vigorous leaves of mammoth dimensions, the same large flower head and gigantic blooms, but the color is distinct, being a rich vermillion scarlet. **Each 50c; doz., \$5.00.**

**New York.** 5 ft. Dark bronze foliage, with the Orchid type of flowers. Will stand the hot sunshine as well as the toughest varieties of Cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. **Each 25c; doz., \$2.50.**

One each of above 7 Orchid-Flowered Cannas for \$1.25.

## VAUGHAN'S BEST BEDDING CANNAS



FLORENCE VAUGHAN

## VAUGHAN'S CANNA BED COLLECTIONS

Note that we offer the plants in two sizes.

First Size, from 2½-in. pots. Larger Size, from 4-in. pots, ready to bloom.

## CANNA BED No. 1

**Round, 7 ft. across.** 1 **Florence Vaughan** (for center); 6 **Egandise**, bronze (middle row); 12 **Mad. Crozy** (outside row). One of the prettiest possible beds.

Not prepaid. Prepaid.

**The 19 plants**, first size..... \$1.75 \$2.00**The 19 plants**, large size, ready to bloom..... 3.00 3.50

## CANNA BED No. 2

**Round, 7 ft. across.** 1 **David Harum**, bronze (for center); 6 **Dwarf Florence Vaughan** (middle row); 18 **Salvia Zurich** (outside row). One of the prettiest possible beds.

Not prepaid. Prepaid.

**The 7 Cannas and 18 Salvias**, first size..... \$2.25 \$2.50**The 25 plants**, large size..... 3.75 4.00

## CANNA BED No. 3

**Round, 10 ft. across.** 19 **King Humbert** (for center and two rows); 36 **Pennisetum Longistylum** (outside row), from 2-in. pots. This bed complete (the Cannas in 2nd size plants), from 3-in. pots, \$5.00 by express.

## CANNA BED No. 4

**Round, 10 ft. across.** 19 **Florence Vaughan** (for center and two rows); 18 **Milwaukee** (outside row). This makes a good combination.

Not prepaid. Prepaid.

**The 37 plants**, first size..... \$3.35 \$3.75**The 37 plants**, large size, 4-in. pots, ready to bloom..... 6.00 6.75

Diagram showing how to plant will be sent with each shipment of Canna beds.

We recommend the following as most desirable for beds of solid colors. For round Canna beds 7 ft. in diameter, 19 plants; 10 ft. 37 plants; 13 ft. 61 plants.

**Beaute Poitevine**  
**Buttercup**  
**David Harum**  
**Egandise**  
**King Humbert**  
**Milwaukee**  
**Souv. de A. Crozy**

**Betsy Ross**  
**Comte de Sachs**  
**Dwarf Florence Vaughan**  
**Florence Vaughan**  
**Mad. Crozy**  
**Niagara**  
**The Express**

The choicest from sixty best kinds, revised to December, 1910. These are all of the large and free flowering Crozy type, and embrace the entire range of color known to this remarkable class of plants.

**Our Canna Prices** for single plants, from 2½-inch pots, 3 of a kind and dozen lots include postage (if wanted sent in that manner), larger lots and plants from 3, 4 and 5-inch pots are sent by express at buyer's expense.

## CRIMSON AND SCARLET SHADES WITH GREEN FOLIAGE

**Beaute Poitevine.** 3½ ft. Large crimson flowers of a beautiful shade, much admired.

**Chas. Henderson.** 4 ft. Crimson flowers. Good bedder. Roots winter well. **Comte de Sachs.** 4 ft. One of the very best. Early and free. Color clear crimson scarlet. Flower heads large. 1st size 20c each, dozen \$2.00 prepaid 2nd size, by express, each 30c; doz. \$3.00; per 100 \$20.00.

**Milwaukee.** 3½-4 ft. Flower rich, deep maroon, darker than the Duke of Marlborough. We find it the darkest of all Cannas.

**New Chicago.** Color most brilliant and striking scarlet, without any bluish cast. Strong vigorous grower. Each 35c; doz. \$3.50.

**Pfizer's Meteor.** A clear orange scarlet, strong robust grower and extra free flowering. Each 35c; doz. \$3.50.

**Papa Nardy.** 4½ ft. Very free flowering. Large rounding flowers of a beautiful purplish crimson. Prices and sizes same as Comte de Sachs.

**The Express.** 2½ ft. Bright scarlet crimson. Large broad flowers in immense trusses. This is the best dwarf red Canna. Prices and sizes same as Comte de Sachs. Each 20c; doz. \$2.00.

## BRONZE-LEAVED VARIETIES

**Director Freudeman.** Foliage brown red, flowers scarlet with orange reflex. Each 35c; doz. \$3.50.

**Discolor.** 6-8 ft. Used for foliage effect, musa-like foliage.

**David Harum.** 3½ ft. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen.

**Egandise.** 4 ft. Bronze foliage. Considered by experts the best in this class. Strong, compact flower spikes. Color currant red.

**Graf. Waldersee.** 4 ft. Large flowers of orange scarlet. Fine show.

**J. C. Vaughan.** Purple foliage. Flower large. Color clear, deep vermillion orange.

**King Humbert.** (See page 92.)

**Leonard Vaughan.** 4½ ft. Rich deep bronze foliage. Very strong grower. Flowers freely. Color bright scarlet.

**Mlle. Paul Cazeneuve.** 4 ft. Large flowers of rosy pink, very striking with the dark bronze foliage.

**Souv. de Boucharet.** 3½ ft. Large purple foliage and extremely large flowers of a beautiful purplish crimson, set off with deeper shade of the same color.

**Souv. de J. H. Krelage.** 4 ft. Foliage metallic brown, extra large and broad. The flowers are gigantic in size, zinnabar red. Borne in faultless trusses.

**Stradrath Heidenrich.** Bronze foliage with green markings, color almost a pure scarlet.

**Victor Lemoine.** Very large, brilliant garnet flowers; very free flowering.

Each 20c; doz. \$2.00.

**Wm. Sanders.** Rich bronze foliage; color a deep rich, shining scarlet.

Each 25c; doz. \$2.50.

## PINK WITH GREEN FOLIAGE

**Betsy Ross.** 3½ ft. Compact bushy habit. The flowers are large and of a beautiful soft pink. We consider this the only pink variety worth growing.

**Mlle. Charlotte Mongeon.** Very large, well shaped flowers of beautiful cherry carmine. Each 20c; doz. \$2.00.

## GILT EDGE VARIETIES

All with Green Foliage and Scarlet Flowers with Yellow Edges.

**Mad. Crozy.** 3½ ft. Vermillion with gold border. The sort which popularized the Canna.

**Multiflora.** Very bright vermillion with a narrow golden yellow border. Extra free bloomer, carrying three and four perfect flower spikes at one time.

Each 25c; doz. \$2.50

**Niagara.** 3 ft. Color, rich deep crimson with a wide irregular border of deep golden yellow.

**Queen Charlotte.** 4 ft. Rich orange-scarlet with a broad gilt edge.

**Souv. de A. Crozv.** 4 ft. The flowers are scarlet-crimson bordered yellow.

## YELLOW SHADES GREEN FOLIAGE

**Buttercup.** 3½ ft. A true bright buttercup yellow, large. Each 20c; doz. \$2.00 prepaid.

**Dwarf Florence Vaughan.** Similar to Florence Vaughan, but one-third shorter, never exceeding 3½ ft. Color, rich golden yellow, thickly dotted with bright red.

**Florence Vaughan.** 5 ft. The most famous of all Cannas. It still remains the best type of new Cannas. The flowers are rich golden yellow, thickly dotted with bright golden red.

## WHITE SHADES GREEN FOLIAGE

**Frau Maria Nagel.** 3 ft. Loosely formed flowers of a creamy white fading to pure white.

**Improved Mont Blanc.** Large pure white. The plant is very robust and carries its flowers well above the foliage. Each 25c; doz. \$2.50.

**Mlle. Clin.** 3 ft. A free bloomer, pure white large flowers. Each 20c; doz. \$2.00 prepaid.

## PRICES: The Above Cannas except where noted

	Each	3 for	Per Doz.	Per 100
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1st size plants from 2½-inch pots, postpaid..... \$0.15 \$0.35 \$1.25 \$ 8.00

2nd size plants from 3-inch pots, by express..... .15 .40 1.50 12.00

3rd size strong plants from 4-inch pots, by express; this size will be ready May 15, will commence to bloom in a short while..... .25 .65 2.50 18.00

## MIXED CANNAS BY EXPRESS ONLY AT BUYER'S EXPENSE

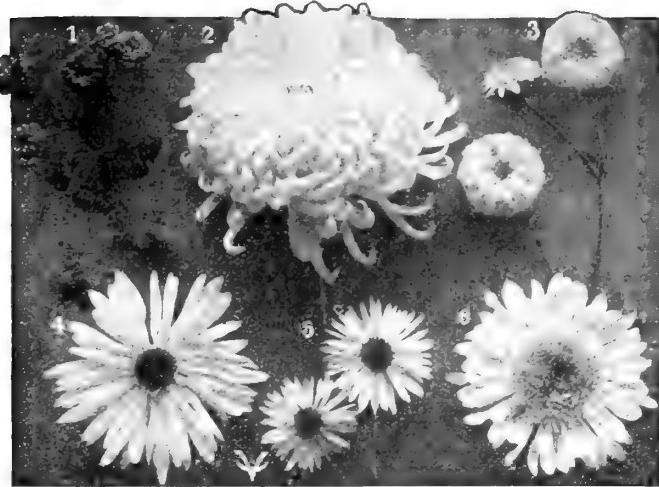
	Each	Dozen	100
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Mixed Green Leaf, Yellow Sorts..... \$0.10 \$1.00 \$6.00

Mixed Green Leaf, Red Sorts..... .10 1.00 6.00

Mixed Green Leaf, All Colors..... .10 1.00 6.00

Mixed Bronze Leaf, All Colors..... .10 1.00 6.00



1. Small Pompon. 3. Large Pompon. 5. Small Single.  
2. Exhibition Sort. 4. Large Single. 6. Anemone Type.

#### VAUGHAN'S NOVELTY SET FOR 1911

Price each, 20c; set of 6 for \$1.00, postpaid with Culture Pamphlet.

**Kitty.** A beautiful shade of lively pink without any shadings. Early flowering. It is a dwarf grower with strong stem and fine foliage well up to the flower.

**Mrs. H. Stevens.** Golden salmon bronze. This is a magnificent variety and will be very popular as a show flower. Size is enormous, stem and foliage perfect. Any bud after August 15th will produce a perfect flower.

**Naomah.** Large incurved Japanese white. A fine exhibition variety of immense size with good stem and fine foliage.

**Oroba.** A large early white incurved ball shaped flower, being of the easiest culture, with fine stem and foliage.

**R. F. Felton.** The deepest possible shade of yellow. The flower is medium in size, stem and foliage perfect, the latter being carried right up to the flower and the flower itself never damps a petal under any circumstances.

**Wm. Mease.** Bright rosy red, one of the very largest in size and a very valuable exhibition variety. It is a dwarf, handsome grower and carries the foliage well up to the flower. This variety makes a fine compact bush plant.

#### EXHIBITION SET

Price 15c, any 3 for 40c. The "Exhibition Set" of 6 for 75c, postpaid.

**Golden Chadwick.** A large perfectly built incurved flower of a deep lemon color. The best all-round Chrysanthemum.

**Miss Clay Frick.** A very large Japanese incurved of pure snow white. Flowers are 8 inches in diameter.

**Mrs. W. E. Kelley.** A bright yellow Japanese with fine stem and foliage. 5 ft. Best bud Sept. 15th, maturing Nov. 10th. Easy to manage and producing perfect blooms from late buds.

**S. T. Wright.** This is certainly one of the largest Chrysanthemums ever grown. It is red and gold of gorgeous shades, until it shows pure red. Strong grower.

**W. T. Brock.** A splendid late pink that will be in bloom for Thanksgiving and later, comes best from buds taken in September.

**Wm. H. Chadwick.** Pure white occasionally tinted light pink. This is one of the finest Chrysanthemums that has been introduced. An ideal grower with strong stem and fine foliage.

#### SINGLE CHRYSANTHEMUM

These are becoming very popular grown as pot plants or cut flowers. They are most valuable for light graceful work. Do not disbud closely.

Price each, 15c, any 3 for 40c, Set of 8 for 85c, postpaid.

**Buttercup.** Deep yellow flowers in great number. Fine for pot plants.

**Catherine Livingston.** Lavender pink of a very pleasing shade. Belongs to the large flowering section, producing immense sprays.

**Cosmos.** Beautiful lavender pink. Large flowers. Very fine.

**Edelweiss.** Flowers semi-double. Pure white with yellow center. Very free.

**Lady Lu.** Purest white, best for all purposes. Resembles a large Shasta Daisy.

**Ladysmith.** One of the prettiest of all the singles, deep rose pink with green eye; keeps well, blooms early, fine for sprays or as a pot plant.

**Minnesota.** A very striking blood red. 2½ inches across, long slender stem, best red for general use.

**Sweetness.** Clear yellow. In this we have a sweet scented Chrysanthemum.

#### SUMMER FLOWERING SET

We have all wanted an early flowering Chrysanthemum, and now in the following we offer a new race that will furnish an abundance of flowers from August until frost. Be sure to secure this collection.

Price 15c, any 3 for 40c, set of 4 for 50c, postpaid.

**Carrie.** 4-in. flowers of a deep golden yellow, blooming from August to October.

**Goacher.** Crimson and gold, of fine size, blooming in August and September.

**G. Grunerwald.** A very fine variety of the Japanese section, being one of the earliest of all, expanding the first flowers in the beginning of August and extending its flowering period well into November. The flowers average 5 inches, color light pink.

**Golden Glow.** A very early Japanese incurved, producing fine blooms. 5½ in. in diameter. Color bright yellow. Fine foliage and stem. Very easy grower.

#### HARDY EARLY FLOWERING POMPONS

See page 112.

## Chrysanthemums

### HINTS ON CULTURE

In growing large plants it is necessary to cultivate in pots all through the season, shifting to larger pots as the growth of the plants require it, never allowing them to become stunted or pot-bound. By the first week in July the plants should have their final shift.

Never allow them to suffer for want of water, and as soon as the pots become filled with roots, feed liberally with liquid manure. When growing rapidly, the pinching needs attention every ten or fifteen days up to August 1st, and the staking and tying must also be closely looked after, for when the branches get large if not properly tied they will break off.

Soil—A good, fibrous loam.

To three parts of above add one part of well decayed cow manure and about a six-inch pot of bone dust to about a bushel of the above mixture will make a good compost.

At the flower show held in Chicago last November we were awarded 17 first prizes on 17 entries of Chrysanthemums.

### CHRYSANTHEMUM SET FOR POT CULTURE

The following list is a selection from over 100 sorts, and embraces the best sorts for pot culture. All early flowering sorts and large handsome flowers.

Each 15c, any 3 for 40c, Set of 10 \$1.00, postpaid.

**Garza.** This variety makes a fine bush plant. The flowers are white, single row of broad petals, anemone center.

**Golden Age.** A slightly reflexed, intense yellow; Japanese type.

**May Foster.** One of the most popular white varieties. Fine large, pure ivory. **Marion Newell.** Color almost a true pink of extra size. Reflexed variety with large wide petals.

**Mrs. Wm. Duckham.** Beautiful golden yellow of immense size.

**Mutual Friend.** Pure white, a large reflexed flower of great depth.

**Old Gold.** Orange yellow of immense size and good form.

**Mrs. F. Beau.** Striped red and yellow of medium size. Strong grower.

**The Bard.** Deep crimson, medium size flower.

### LARGE FLOWERING POMPONS

Price 15c, any 3 for 35c, Set of 6 for 50c, postpaid.

**Aileen.** Clear soft pink of good form. One of the best in its color.

**Julia Lagravere.** Fine deep red without any shading.

**Klondike.** Brilliant yellow compact bloom of medium size.

**Magnificus.** Pure white flowers of extra size and good form.

**Prince of Wales.** Magnificent pure white.

**Quinola.** Clear orange yellow. Excellent form and good size.

## Geraniums

**Beaute Poitevine.** Semi-double, salmon pink.

**Columbia.** Rich scarlet of dazzling brightness.

Each 25c, doz. \$2.50.

**Decorator.** Semi-double light red; robust grower.

**Jean Viaud.** Rosy pink semi-double.

**John Doyle.** Rich scarlet, double.

**La Favorite.** A fine double white; dwarf habit.

**Mrs. F. Perkins.** Light pink, with white throat.

**S. A. Nutt.** Double, rich, dark crimson.

2½-inch pots, each, except where noted, 15c. The set of 8 for 85c, postpaid, per doz. \$1.00, per 100 \$7.00, by express only.

**Plants from 4-inch pots.** We can supply any of the above in 4-inch pots, at \$1.75 per doz., \$12.00 per 100, by express only.

### LADY WASHINGTON GERANIUMS

**Dorothy.** Rosy salmon, dark maroon, blotches on upper petals.

**Duke of Cornwall.** Beautiful reddish crimson ground, bordered light salmon, and blotched dark maroon.

**Goldmine.** Bright orange, free blooming.

**Mad. Thibaut.** White, richly marked and blotched with rose, the upper petals marked crimson maroon with large white center.

**Mad. Vibert.** A grand flower with black maroon blotches bordered fiery red, the flower entirely edged with rose.

**Sandiford's Best.** Flower is a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat.

**Sandiford's Wonder.** Blotched white and red. Very free bloomer.

**Tommy Dodd.** Lower petals soft blush, upper maroon and crimson, edged bluish; showy, large trusses.

Any of the above 20c each, \$2.00 per doz., postpaid.

### PANSY GERANIUM (Mrs. Layal)

This beautiful Pelargonium is of the easiest growth, dwarf in habit, and literally covered with flowers all the time; and as it requires little or no attention, it is invaluable as a window plant. The coloring and marking of the flowers are most extraordinary, light pink, white, dark purple, black, etc., almost rivaling the Pansy in uniqueness of flower. It is this combination of coloring which obtained for it the popular name of Pansy Geranium. Strong plants, each 20c, 3 for 50c, doz. \$2.00, postpaid.

### VARIEGATED-LEAVED GERANIUMS

**Mme. Salleroi.** Dwarf, compact grower, not more than a foot high; more universally used than any other geranium as a border; bright green leaves, edged white. Each 15c, doz. \$1.25, postpaid.

**Silver, Var. S. A. Nutt.** Similar in bloom to its parent plant, with foliage variegated green and white. Each 20c, doz. \$2.00, postpaid.

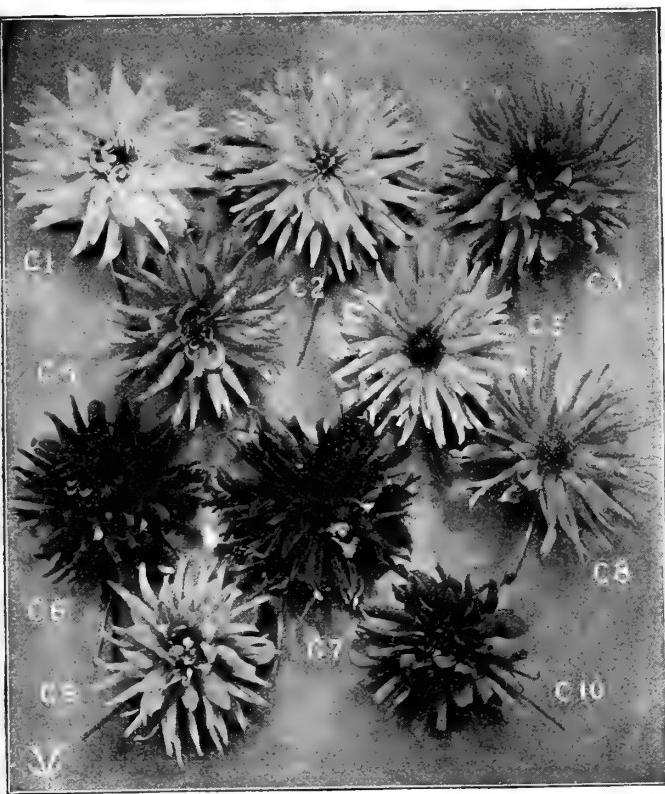
### IVY-LEAVED GERANIUMS

**Beauty of Jersey.** Pink; double.

**Joan of Arc.** Only double white ivy geranium.

**Souv. de Chas. Turner.** Light scarlet, double.

Any of the above, each 15c, doz. \$1.25, postpaid.



C 1. Lawine	C 4. Volker	C 8. The Pilot
C 2. Kriemhilde	C 5. Pink Pearl	C 9. Effective
C 3. Countess of Lonsdale	C 6. Rev. D. R. Williamson	C 10. Brunhilde
	C 7. Strahlenkrone	

## CACTUS DAHLIAS NOVELTIES

**Aurora.** An attractive soft pink, slightly tipped white, brilliant golden in the heart. One of the best Dahlias for exhibition, being colossal in size, elegant in form, most perfect in type and of the most exquisite coloring.

**Helene.** Rose with a white center. A fine dwarf, free blooming variety.

**Othello.** Dark blood red with a velvety black sheen. An early and free bloomer with stalks long and strong, carrying flowers well above the foliage.

**Stern.** A pure lemon yellow with beautiful flat petalled star shaped flowers.

A good grower and an exceptionally free bloomer.

**Vulcan.** Orange scarlet with deeper shadings in center. Very free flowering.

**White Lady.** Pure white. "The plants were laden with handsome flowers all through a long season and were much admired."

Price, each, 50c.

**Special Dahlia Offer No. 1.** One plant of each of the 6 above varieties, \$2.00.

## CHOICE AND RARE SORTS

**Ambassador.** Pure white. The flowers are large and beautiful in form, with long pointed petals, which are borne on long, erect stems. In this respect it is the best white Cactus Dahlia.

**Countess of Lonsdale.** (B.) A delicate apricot shading towards the edges of the petals to carmine pink. Early and one of the very best.

**Dainty.** The ground color is lemon yellow, which shades lighter as the season advances, at which time the color approaches canary yellow at the base of the petals. Half-way from the base of the petals one notices the beautiful rose-pink. The tips of the petal are golden and the flowers are produced on long, stout stems.

**Effective.** Chamois rose with yellow shadings, deeper in the center. A large, perfectly formed, intensely double globular flower with finely pointed petals, and borne freely on long, strong stems. Very distinct. A charming variety for cutting.

**Liberty.** Deep crimson with shadings of maroon. The flowers are very large and attractive. Each, 25c.

**Master Carl.** (B.) Bright amber. A gigantic flower of perfect form, with immense and gracefully curved petals. One of the finest in our collection. Each 25c.

**Mrs. Geo. Stevenson.** (B.) Bright yellow. Large blooms with long and narrow petals. Flowers borne on long, wiry stems well above the foliage. Very free blooming. Each 25c.

**Pearlhilde.** (B.) Center nearly white changing to a soft blush pink. A sport of the well known Kriemhilde and one of the best for cut flowers.

**Spotless Queen.** Purest white. An excellent variety for cut flower purposes.

**The Pilot.** (B.) A beautiful combination of colors. The extremities of the florets are bright terra-cotta, passing to deep yellow at the base. The blooms are borne erectly upon stout stalks, well above the foliage.

Price, except where noted, each 20c, doz., \$2.00.

**Special Dahlia Offer No. 2.** One plant of each of the above 10 varieties, \$1.50.

# VAUGHAN'S DAHLIAS

In the following list we offer what we consider the very best of the foreign and American Dahlias, which we observed in our extensive trials last season. The long autumn of 1910 was very favorable to the development of Dahlias and we were enabled to select for variety of form and color, freedom and perfection of bloom and length of season, the following very complete assortment, having discarded the less similar sorts to the number of 75 varieties.

The greater part of the list we can supply both in dormant roots and small plants, but some of the rarer sorts we can furnish in green plants only. Contrary to popular opinion we maintain that Dahlia plants are always superior to dry roots, and are willing to take the responsibility of recommending them. While roots may generally be planted by April 25th, it is hardly wise to set out the growing plants until May 10th to 15th, but with good care and soil, the started plants make such strides of growth as to surpass earlier plantings.

Dry roots may be had any time, as long as the stock lasts; plants from 2½ to 3½ inch pots can be supplied during May. All except the special offers of large field clumps of unnamed and mixed Dahlias, are sent prepaid to any post or express office in the U. S.

Full cultural directions accompany every order.

Varieties marked **A** can be supplied in divided field roots at 25c ea., prepaid.

Varieties marked **B** can be supplied in divided field roots at 35c ea., prepaid.

Please state if you want a substitute in case our supply of any variety is exhausted.

## CACTUS DAHLIAS

The Cactus forms of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

## STANDARD SORTS

**Aegir.** Rich cardinal red flowers, large and full.

**Brunhilde.** (A.) Bright plum color, of perfect habit and form.

**Burbank.** (A.) Deep clear dark red. An excellent bloomer which never under any circumstances shows the least tendency toward an open center, no matter how dry the weather or poor the soil.

**Estrella.** Snow white with a trace of lemon yellow in the heart. A most abundant bloomer.

**Fairy.** Pure white. Very narrow florets, beautiful in form and one of the most refined in this color.

**Fighting Mac.** Rich fiery crimson. Florets curved gracefully inward.

**Flora.** (A.) An ideal white with large heavy flowers on stout stiff stems. A valuable cutting variety.

**Frau Hermine Marx.** A beautiful pink, splendid for cut flowers. Very similar in color to the La France rose and a good bloomer.

**Herzblattchen.** (A.) A deep apricot shading to a carmine pink. Flowers have long, tightly twisted petals and are compact and full to the center. A most profuse bloomer and very early.

**Holsatia.** Orange scarlet. One of the freest flowering Cactus Dahlias and perfect in form. Flowers are borne on long, stiff stems.

**Innovation.** (A.) The finest bi-color Cactus Dahlia. The center is of a deep scarlet, the extremities of the petals are white.

**Katherine Duer.** (A.) The most beautiful glowing scarlet without markings. The flowers are of immense size, 7 in. across, opening out flat and showing no center, with wide and rounding petals. The plant is a strong grower. Height 5 ft.

**Kriemhilde.** (A.) An exquisite shell pink shading to white in the center. Undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as a cut flower supersedes all the other pink sorts.

**Lawine.** A pure white of good form, very free and early flowering.

**Pink Pearl.** Mellow pink at the base of the petals, shading off gradually to white at the tips, the effect being a soft, rosy pink. Fine for cutting.

**Rev. D. R. Williamson.** (A.) Deep velvety crimson. Flowers of good size, borne on long stems, making it a valuable variety for cut flowers.

**Rother.** (A.) A beautiful dark velvet crimson. The flowers are of perfect shape, very early, free flowering and dwarf in habit.

**Santa Rosa.** (A.) A bright glowing scarlet. The flowers are very large and full to center. Exceedingly free flowering.

**Serpentina.** Embracing all shades from pink to deepest purple. Fine for cutting.

**Strahlenkrone.** Intense cardinal red, rich and glowing, with long twisted petals. A very early and profuse bloomer.

**Swan.** Pure white. A very large and free blooming variety.

**Torpille.** A deep cherry wine color with the reverse side of petals striped with faint lines of white.

**Uncle Tom.** (A.) A deep velvety maroon, almost black.

**Volker.** Clearest canary yellow; large, exquisite Cactus form. An early and extremely profuse bloomer, the plants being literally covered the entire season.

**Winsome.** Undoubtedly the finest white Cactus to date. Flowers are very large and beautiful, with twisted, incurved petals and are borne on long, erect stems, holding the flower up in marked contrast to other white Cactus Dahlias.

Price each, 15c, any 3 for 40c, doz., \$1.50.

**Special Dahlia Offer No. 3.** One plant of each of the above 25 varieties, \$3.00.

## DECORATIVE DAHLIAS

Decorative Dahlias are known by their large flowers and flat petals being intermediate between the Cactus and Show types. Among these varieties will be found those mostly used for cut flowers since they are those having the greatest substance and are the best shippers. Those we include are the result of careful selection.

### CHOICE AND RARE KINDS

**David Harum.** (B.) Bright orange scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 in. across. Thick, wide petals, full to the center. Flower stalks are strong and hold the flowers up well above the foliage. Very free blooming and early. We consider this one of our finest decorative Dahlias.

**Gaviota.** Absolutely snow-white. Long strong stems. A splendid bloomer with us after September 20th.

**Giant of Stuttgart.** Velvety dark red in center lighting up to a brilliant blood red at end of petals. This new decorative Dahlia originated from Souv. de Gustave Doazon and is the largest in existence of its color. The flowers are very double, 8 in. in diameter and are borne well above the beautiful dark green facinated foliage. Each 50c.

**Jack Rose.** (B.) A rich velvety crimson like that of the Jacqueminot Rose from which it derives its name. A grand variety, splendid for cutting; flowers are full in center, measuring 6 to 7 in. across.

**Kaiserin Augusta Victoria.** Pure white flowers borne in great profusion on erect, stout stems, fully 18 in. long, all above foliage. The immense, perfect flowers can be kept in flower until Thanksgiving. One of the most valuable Dahlias, growing about 30 in. high and not requiring support of any kind. Each 35c.

**La France.** A deep rose, heavily marked white, in form more like a full-blown Peony. The flowers appear on stiff, long stems and are excellent for cutting. Each 35c.

**Mrs. Chas. Turner.** (B.) Pure yellow. A strong grower and profuse bloomer of immense size.

**Mrs. P. Wyndham.** Apricot shaded to salmon in center. Very free and early with wide, flat petals. The flowers are large and flat.

**Souv. de Gustave Doazon.** (B.) A pleasing shade of orange red. The flower measures 6 in. in diameter, and has large, wide, thick petals of great substance. Very free bloomer. Strong and robust, growing 5 ft. high.

**Virginia Maule.** (B.) A most delicate blush or shell pink. A great improvement over Mrs. Roosevelt. The World's Best Shell Pink. The immense flowers are borne with stately grace on long, erect stems. The plant is very strong and vigorous, growing 4 to 5 ft. high, branching habit, blooming early and profusely.

Price, except where noted, each 25c, 3 for 65c, doz. \$2.50.

**Special Dahlia Offer No. 4.** One plant of each of the above 10 varieties, \$2.00.

### STANDARD KINDS

**Berwyn.** Rich velvet crimson, wide flat petals. Very large.

**Bonnard's Yellow.** (A.) Deep yellow. Extra large flowering.

**Clifford W. Bruton.** (A.) Bright golden yellow. Very large and early flowering.

**Crimson Giant.** (A.) Deep crimson flowers of immense size.

**Eureka.** (A.) A deep rose, large in size and fine in form.

**Henry Patrick.** A pure waxy white. It blooms very freely, producing flowers from 5 to 7 inches in diameter. Each 20c.

**Lemon Giant.** (A.) Lemon yellow, very large.

**Lyndhurst.** (A.) A rich and brilliant cardinal red. Fine for cut flowers.

**Mad. Van den Dael.** (A.) A soft rose with deeper markings, shading to creamy white in center. A splendid variety for cutting.

**Maid of Kent.** (A.) Intense scarlet variegated with pure white, frequently a solid scarlet.

**Mariposa.** A unique purplish salmon. A late variety, but very free blooming.

**Mrs. Roosevelt.** A most delicate pink flower, immense in size, graceful in form and having excellent stems for cutting. Perfectly double, 6 to 8 in. in diameter. Each 20c.

**Pres. F. Faure.** A deep purplish crimson with broad thick petals.

**Sylvia.** (A.) White shading to soft pink on the outer petals which are of great substance. The flowers measure about 5 in., are fine in form and full to the center making it a great shipper. The plant is a strong and healthy grower.

**Wm. Agnew.** (A.) The richest shade of intense, dazzling red. Flowers are large, measuring more than 5 in. in diameter.

**Yellow Colosse.** A clear yellow exhibition variety. The flowers are very perfect and on long stems.

Price, except where noted, each 15c, 3 for 40c, doz. \$1.50.

**Special Dahlia Offer No. 5.** One plant of each of the above 16 varieties, \$2.00.

### NEW PEONY-FLOWERED DAHLIAS

Peony-flowered Dahlias are those having irregularly curved and twisted petals and are as beautiful as they are odd. The varieties offered are the best we have been able to secure.

**Big Chief.** (B.) Brilliant cherry-red, margined rich velvety maroon. A strong vigorous grower, producing its immense semi-double flowers, 6 to 7 in. across, on 2 ft. stems, in greatest profusion.

**Germania.** Brilliant carmine, four rows of petals, compact growth.

**Glory of Groenekan.** Orange yellow, extra large flower.

**Jeanne Charmet.** Bright pink with crimson edges. Flower 7 to 8 in. in diameter with long, wide, loosely formed petals. Center covered with short petals. Flowers borne on fine long stems. Early and extra fine.

**La Rianto.** Deep pink flowers on long, strong stems. An excellent variety. Each 35c.

**Mannheim.** Soft orange color and of very fine form. 6 ft. Each 50c.

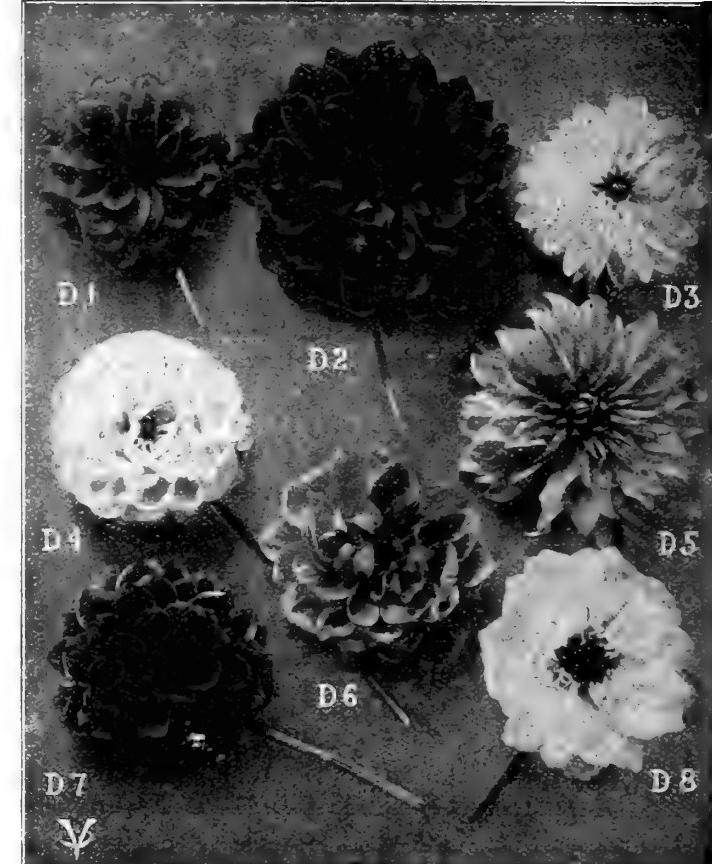
**Paul Kruger.** White and red flowers on very long stems.

**Queen Emma.** A charming shade of Hollyhock pink, the inner petals margined with gold. A very large and magnificent sort.

Price, except where noted, each 25c, 3 for 65c, doz. \$2.50.

**Special Dahlia Offer No. 6.** One plant of each of the above 8 varieties, \$2.00.

Varieties marked "A" can be supplied in divided field roots at 25c each, prepaid. Varieties marked "B" can be supplied in divided field roots at 35c each, prepaid.



D 1. Mrs. P. Wyndham      D 4. Miss May Lomas      D 7. Jack Rose  
D 2. David Harum      D 5. Mariposa      D 8. Gaviota  
D 3. Kaiserin A. Victoria      D 6. Yellow Colosse

### SHOW AND FANCY DAHLIAS

Show Dahlias are those of solid color except that in certain varieties the tips of the petals may be of another. They are usually round, ball-shaped and always beautiful and compact, desirable for cut flowers.

**A. D. Livoni.** (A.) A beautiful soft pink flower with quilled petals, full to the center. An early and profuse bloomer.

**Black Diamond.** A rich velvety maroon shaded jet black. An early and free bloomer with immense flowers, full and regular in form. The plant is a strong vigorous grower with a dark, glossy foliage. Each 20c.

**Bon Ton.** A deep rich garnet red. A fine ball-shaped flower.

**Crimson Beauty.** A fine rich crimson. Flowers large and beautiful.

**Cuban Giant.** Bright maroon. Immense in size, free flowering and very early.

**Ethel Schmidt.** (A.) Pure white, flushed delicate pink, dotted and streaked crimson. A cross of Storm King and Lottie Eckford that will soon be the standard of this type, on account of its early and profuse blooming, together with its long, graceful stems.

**Fanny Purchase.** Deep Yellow. Has large flowers of fine form, borne on strong stems.

**Floral Park Jewel.** (A.) Deep maroon to blush white flowers are produced on the same plant.

**Frank Goodman.** Rich purple, tipped white, distinct.

**Glorie de Lyon.** Pure white. The largest white Dahlia in cultivation, round as a ball. Each 25c.

**Grand Duke Alexis.** Pure white shading to a most delicate and charming shell pink. This grand Show Dahlia is one of the finest of that type. Flowers are mammoth in size, beautifully quilled and double. Very free and early. Each 25c.

**H. Sherber.** Large salmon flowers. A dwarf grower.

**John Walker.** (A.) Pure white. Flowers are full and beautiful.

**Kaiser Wilhelm.** Deep yellow lightly tipped cherry red. Quilled petals on flowers of large size and fine form.

**Lilac Queen.** Beautiful pinkish lilac, a color not often seen in a flower. Flowers are large and full.

**Miss May Lomas.** (B.) A delicate white suffused and tipped light lavender. Flowers are of good size borne on erect, stout stems. A very free bloomer and a fine cut flower variety. Each 20c.

**Mrs. Dexter.** (A.) Reddish apricot, very large and full flowers.

**Princess Bonnie.** Creamy white. Flowers are medium in size, full to the center and fine in form.

**Princess Victoria.** Pure canary yellow. Combines the form of Storm King with the free and early flowering habit of Queen Victoria.

**Queen of Yellows.** (A.) A beautiful clear yellow.

**Queen Victoria.** (A.) Handsome deep yellow. Flowers finely quilled; very early, and free blooming.

**Red Head.** Deep red, large flowers, of dwarf, free blooming habit.

**Snow.** A beautiful pure white borne on long stems. Fine for cutting.

**Storm King.** (A.) Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer, a strong vigorous grower of branching habit, producing large, perfect shaped flowers on long stiff stems. One of the finest for cut flowers.

Price, except where noted, each 15c, 3 for 40c, doz. \$1.50.

**Special Dahlia Offer No. 7.** One plant each of the above 24 varieties for \$3.00.



S 1. Twentieth Century    S 5. Paul Kruger    S 8. Jeanne Charnet  
 S 2. Glory of Groenkan    S 6. Wildfire    S 9. Queen Emma  
 S 3. Manheim    S 7. Gladys    S 10. White Century  
 S 4. Rebecca Mayhew

### POMPON DAHLIAS

Under this head comes those small Bouquet Dahlias that are so popular for cut flowers. Their small size makes them invaluable for bouquets and their range of color is as great as any of the preceding classes.

**Anna Londorff.** (A.) Yellow streaked and blotched carmine.  
**Crown Point.** Bright scarlet. A free bloomer, very dwarf and compact plant.  
**Elegante.** Lovely bright pink flowers of perfect form with beautiful quilled petals.  
**Little Beauty.** Delicate shrimp pink flowers of full round form and with beautifully quilled petals. Long graceful stems especially adapted for bouquets.

**Little Herman.** Deep red, tipped white.  
**Snow Clad.** (A.) The finest white pompon, dwarf and very early.  
**Price, each 15, 3 for 40c, doz. \$1.50.**

**Special Dahlia Offer No. 8.** One plant of each of the above 6 varieties for 75c.

### SINGLE DAHLIAS

These are rapidly coming into favor every year on account of their profuse blooming and handsome colors, rendering them invaluable for bouquets. We list the following varieties as being the very best as to color and size of flower.

**Ami Barrillet.** The bright crimson, combined with the dark brown foliage makes it very attractive for lawn planting.

**Black Bird.** Intense velvety maroon, almost black, red spots at base. Large.  
**Gold Standard.** Pure yellow flowers borne on long, graceful stems of finest form and texture and of largest size.

**Merry Widow.** (Lustige Wittwe.) Deep scarlet flowers of gigantic size on stems 15 inches long and measuring 4 to 5 inches. The color is so exceedingly bright that a single plant makes an effective showing. The plant attains a height of only 3 ft. but from the bushy plant arise 30 to 50 flowers. **Each 35c.**

**Praxiteles.** Velvet purple, tipped white. An early and extremely profuse bloomer, making a distinct, unique and striking plant. **Each 20c.**

**Pres. Viger.** Rich claret, shading lighter at the edges with pure white collar, occasionally rose tinted. Striking and distinct.

**Rebecca Mayhew.** (A.) Large snow-white, exquisite in form, early and an extremely profuse bloomer, being the world's best large white for commercial cut-flowers, or specimen plants.

**Wildfire.** (A.) The most brilliant fiery scarlet on our list. Flowers very large and a fine bloomer.

**Price, except noted, each 15c, 3 for 40c, doz. \$1.50**

**Special Dahlia Offer No. 9.** One plant of each of the above 8 varieties, \$1.00.

**Unnamed Double Dahlias.** Undivided field clumps in white, pink, yellow or red, good sorts, **each 25c, 3 for 65c, doz. \$2.50 by express at buyer's expense.**

**Mixed Double Dahlias.** Undivided field clumps, **each 15c, 3 for 40c, doz. \$1.50, by express at buyer's expense.**

**Mixed Single and Double Dahlias.** Undivided field roots, **each 15c, 3 for 40c, doz. \$1.50 by express at buyer's expense.**



M 1. Mrs. P. Wyndham    M 7. Torpille  
 M 2. David Harum    M 8. Kriemhilde  
 M 3. K. A. Victoria    M 9. Strahlenkrone  
 M 4. Jack Rose    M 10. Countess of Lonsdale  
 M 5. Mariposa    M 11. The Pilot  
 M 6. Lawine

### "NEW CENTURY" SINGLE DAHLIAS

They are all of free-branching habit, flowering early, profusely and continuously throughout the season; flowers 4½ to 6 in. across, on stems 3 ft. long, and when cut keep in good condition for many days.

**Cardinal.** Intense cardinal red. A strong grower producing large flowers of great substance and in great quantity on long stems, which keep well when cut.

**Gladys.** (B.) It has a broad band of brilliant rosy crimson through the center of outer two-thirds of the petal, and a brilliant rosy pink band on either side, with a white penciling dividing them, and a snowywhite dish with a yellow halo around the golden yellow center. In contrast with the other colors it holds its color and does not fade. Plants are strong growers of freely blooming branching habit, with long, straight stems. **Each 35c.**

**Fringed Twentieth Century.** Rosy crimson similar to Twentieth Century, but holding its color throughout the season. Petals are deeply cleft, giving the flowers borne on long, erect stems a beautiful fringed appearance.

**Pink Century.** (B.) Delicate soft pink similar to Twentieth Century and an equally profuse bloomer, the largest and finest of the set. Strong and vigorous with fern-like foliage.

**Scarlet Century.** Brightest dazzling scarlet, golden disc. Immense flowers of fine round form, very profuse in flowering.

**Twentieth Century.** (B.) Intense rosy crimson with white tips and white disc around the yellow center. As the season advances the dark colored zone becomes lighter and the color contrast exquisite. Flowers very large, 5 to 6 inches in diameter.

**White Century.** A beautiful snow-white of immense size, 6 to 7 inches in diameter, making a fine show.  
**Price, except noted, each 20c, 3 for 50c.**

**Special Dahlia Offer No. 10.** One plant of each of the above 7 varieties for \$1.00.

Varieties marked "A" can be supplied in divided field roots at 25c each, prepaid. Varieties marked "B" can be supplied in divided field roots at 35c each, prepaid.



KENTIA BELMOREANA



HARRIS TYPE BOSTON FERN



PHOENIX ROEBELENII

## FERNS

**ADIANTUM FARLEYENSE.** The finest of all Maidenhair ferns, it requires a warm moist atmosphere. 2½-inch pots, each 25c; 3-inch pots, each 50c; 4-inch pots, each \$1.00, prepaid; 5-inch pots, each \$1.50, by express.

**Hybridum.** Superior to the original Maidenhair, a grand variety for table decoration, or for cut fronds. 2½-inch pots, each 20c; 3-inch pots, each 35c.

**BOSTON FERN.** Now too well known to need describing. Our stock is fine and healthy, and cannot be excelled. 2½-inch pots, each 20c; 3 for 50c; doz. \$2.00. 3-inch pots, each 35c; 3 for \$1.00; doz. \$3.00. 4-inch pots, each 50c; 2 for 85c; doz. \$4.00. 5-inch pots, each 75c; bushy. 6-inch pots, each \$1.25; extra large and full. 7-inch pots, each \$2.00; extra fine plants. Specimen plants, each \$3.00 to \$6.00. 2½ and 3-inch prepaid, other sizes by express at buyer's expense.

**HARRIS FERN.** Similar to the Boston Fern, but with much broader fronds which are deeply cut and fringed. 4-inch pots, each 75c; 5-inch, each \$1.00, by express.

**WHITMANI.** A grand hardy house fern, of the Ostrich Plume type. 2½-inch pots, each 25c; 3-inch, 35c, postpaid; 4-inch pots, each 50c; 5-inch, 75c; 6-inch \$1.25, by express.

## FERNS FOR PANS AND DISHES

Each 15c; any 2 for 25c; or the set of 8 for \$1.00, postpaid.

**Adiantum Cuneatum.** (Maiden Hair Fern.)

**Aspidium Tausimense.** A very pretty species, dwarf and lasting.

**Crytomium Falcatum.** (Holly Fern.) Thick dark green fronds.

**Pteris Alba Lineata.** Variegated White and green fronds.

**Pteris Serrulata.**

**Pteris Serrulata Cristata.** Dwarf and bushy, very graceful.

**Pteris Wilsoni.**

**Pteris Wimsettii.** Fronds irregularly arranged, giving striking effect.

## PALMS

### KENTIA BELMOREANA

The Kentias are the hardiest Palms. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark green foliage.

Inch pots.	Leaves.	Inches high.	Inch pots.	Leaves.	Inches high.	Each.
3	4 to 5.	12....	\$0.50	6	6 to 7....	20 to 22....\$2.25
4	5 to 6....	15....	1.00	7	6 to 7....	28 to 30....4.00
5	5 to 6....	18....				

### KENTIA FORSTERIANA

This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

Inch pots.	Leaves.	Inches high.	Inch pots.	Leaves.	Inches high.	Each.
3	3 to 4....	15....	\$0.50	8	6 to 7....	48....6.00
4	4 to 5....	18....	1.00			
6	5 to 6....	24....	2.00			
8	6 to 7....	30....	2.50	10	6 to 7....	60 to 65....14.00
				12	6 to 7....	72....20.00

### LATANIA BORBONICA

(Chinese Fan Palm.)

This popular fan-leaved variety is too well known to require description.

Inch pots.	Leaves.	Inches high.	Inch pots.	Leaves.	Inches high.	Each.
3	4 to 5....	12....	\$0.25	8	7 to 8....	28....\$4.50
4	4 to 5....	15....	.50			

### PHOENIX CANARIENSIS

One of the hardiest of the Date Palms, with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations.

Inch pots.	Leaves.	Inches high.	Tubs.	Each.	Inch.	Each.
8	30....		\$4.00	9	3½ feet high; fine	\$6.00

### PHOENIX RECLINATA

5-inch pots, 15-18-inch high, \$1.00.

These make excellent presents for birthdays, holidays, etc. Customers who wish to have any of these plants shipped or delivered may depend on getting choice plants, and we shall be glad to attach cards if desired.

Besides the sizes we list we have choice and larger plants, running in prices from \$2.00, \$3.00, \$5.00 and up to \$30.00.

### PHOENIX ROEBELENII

The most graceful of the Phoenix, and a Palm which will become popular for room decoration. The plant is of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnae, give it a lightness and airiness not surpassed, if equalled, by Cocos Weddelliana; at the same time it is as hardy as Kentia, succeeding admirably as a house plant.

Inch pots.	Leaves.	Inches high.	Each.	Inch pots.	Leaves.	Inches high.	Each.
3	6 to 8....	5....	\$0.50	5	12 to 15....	12....\$2.00	
4	10....	1.00		6	18....	3.00	

Specimens, very bushy in 8-inch tubs, each \$6.00.

## DECORATIVE OR HOUSE PLANTS

**ARALIA ELEGANTISSIMA.** Handsome decorative plant. Plants 12 to 14-inch high, each \$1.50; 16 to 18-inch high, each \$2.50, by express only.

**ARAUCARIA EXCELSA.** (Norfolk Island Pine.) 12-inch, each \$1.00; 14-inch, \$1.50; 18-inch, each \$2.00, by express.

**ASPARAGUS PLUMOSUS NANUS.** Very desirable for table decoration, each 15c; 4 for 50c; postpaid. Larger plants by express, each 25c, 50c, 75c, and \$1.00.

**Sprengeri.** Fine for hanging baskets. Each 15c; 4 for 50c, postpaid. 4-inch pot plants, 8-10 in. long each 25c; doz. \$2.00, by express only.

**ASPIDIUM GREEN LEAVED.** The hardest of all house plants. 6 to 8 leaves, each \$1.25; 10 to 12 leaves, \$1.75, by express only.

**Variegated Leaved.** As hardy as above, but with beautifully variegated foliage. 6 to 8 leaves, each \$1.50; 10 to 12 leaves, \$2.00, by express only.

**CALADIUMS FANCY LEAVED VARIETIES.** Fine for greenhouse decoration or for planting outdoors when ground has become warm. Plant in partially shaded, sheltered border. We have 25 named sorts in best standard kinds. Strong bulbs, each 30c; 6 for \$1.75; doz. \$3.00.

**CROTONS.** The richest of all variegated plants, equally adapted to indoor culture or outdoor bedding. Small plants, each 30c; doz. \$3.00. Larger plants, each 50c; specimens, each \$1.00, \$1.50, \$2.00 and \$3.00, by express.

**CYCAS REVOLUTA.** (Sago Palm.) Handsome green foliated decorative plant. Strong plants from \$1.00 to \$5.00 each, by express.

**CYPERUS ALTERNIFOLIUS.** (Umbrella Plant.) Excellent house or aquatic plant. 3-inch pots, each 15c; 4-inch pots, each 25c.

**DIEFFENBACHIA.**

**Magnifica.** Foliage shining green, beautifully variegated with pure white spots. Each 50c; \$1.00 and \$1.50, by express.

**DRACAENA LINDENI.** Broad green foliage, beautifully variegated and striped golden yellow. Strong plants, each \$1.00, \$2.00 and \$3.00, by express.

**Terminalis.** Rich crimson foliage, marked with pink and white. 4-inch pots, 12-inch high, each 75c, by express.

**FICUS ELASTICA.** (Rubber Plant.) One of the most desirable plants to grow in the living room. Plants 1 ft. high, each 60c, by express.

**PANDURATA.** Leaves 10 in. wide, 15 in. long, rich deep green with creamy white veins. One of the finest foliage plants of recent introduction. Plants, 8 to 10 in. high, each \$1.25; 12 to 15 in. high, each \$2.00, by express.

### HYDRANGEA

**OTAKSA.** Deep; rosy pink, vigorous grower, nearly hardy. 2½-inch, each 15c; doz. \$1.50, postpaid; extra strong 2-year-old plants, each 50c; 3 for \$1.30 by express; 3-year-old plants, each \$1.00, by express. Specimens, in tubs, each \$3.00 and \$5.00.

### PANDANUS VEITCHII

Fine decorative plant; leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved.

Inch pots.	Leaves.	Inches high.	Each.	Inch pots.	Leaves.	Inches high.	Each.
4	10 to 12....	\$1.00		6	18 to 20....	\$3.00	
5	15....	2.00		7	24....	5.00	

**PANDANUS UTILIS.** Popular green-leaved variety. 4-inch pots, each 50c; 7-inch, \$2.00, by express.

### SMILAX

Fine for wreaths, bouquets, festoons and general decoration. Plants, 15c each; 2 for 25c, by mail.

# ROSES FOR THE GARDEN



MAD. SEGOND WEBER



OTHELLO



WHITE KILLARNEY



W. R. SMITH

We grow young rose plants only. We do not grow cut flowers. The best healthy wood is used for propagation and is not exhausted in bearing flowers. Our heavy soil is exactly adapted to rose growing. Rose plants as we grow and pack them, go safely to long distances, even to all Pacific Coast towns and cities.

The prices quoted on this page for  $\frac{3}{4}$ -inch pot plants and under include postage. Larger sizes, out of  $3$ ,  $3\frac{1}{2}$  and  $4$ -inch pots and dormant plants, should be sent by express. If wanted by mail, add 5 cts. each for postage.

With special fast mail service in every direction from Chicago, our mail and express packages of all greenhouse plants are much more satisfactorily handled than from cities less centrally located. We guarantee safe arrival.

**Roses by Mail.—Their Care.** Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good mellow soil, thoroughly firming the moist earth around the roots. Shade from the midday sun.

**Roses by Express.—Their Care.** Are usually packed with all or part of the earth adhering to each plant; they invariably arrive in good order. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

We draw your special attention to the splendid condition of our stock.

## ROSE NOVELTIES FOR 1911

**Leuchtfeuer.** (The Dwarf Gruss an Teplitz.) (H. T.) This beautiful new bedding rose is a cross between Gruss an Teplitz and Cramois Superieur. It might be called a dwarf Gruss an Teplitz, possessing all the brilliant qualities of its parent, with the additional advantage of having flowers which are more double and sweeter. This new rose makes a beautifully compact bush and is covered from early June to frost with brilliant dark red flowers. The plants are hardy. A slight protection of soil around the plants late in fall will prove sufficient. This new rose supplies a dark red bedder which will furnish flowers throughout the entire summer. Price each,  $2\frac{1}{2}$ -inch pots 35c;  $3\frac{1}{2}$ -inch 50c.

**Mad. Segond Weber.** (H. T.) This novelty is a cross between Antoine Rivoire and Souv. de Victor Hugo, is one of the most desirable of recent introductions. The color, a pure flesh salmon rose, is entirely new among hybrid Teas. The flowers are very large, composed of large, firm petals, cup-shaped, of regular form and last a long time. The buds are pointed, oblong, and are borne upright on long, rigid stems. The habit of the plant is irreproachable, the foliage vigorous and abundant. It is an ever-bloomer, flowering from early spring until late fall, rendering it most desirable for forcing and bedding. We have closely watched this rose for the last ten months and consider it a variety of great promise. Price each,  $2\frac{1}{2}$ -inch pots 20c;  $3\frac{1}{2}$ -inch 35c.

**Mrs. Aaron Ward.** (New.) This beautiful new rose changes in color as the flower expands: the opening bud is a beautiful deep coppery orange, changing when partly developed to golden orange in the center, whilst the edges of the petals which recurve in a most graceful way are creamy white; the combination of golden orange center with white edge at this stage is very striking and remarkably beautiful, and when fully open it is an exquisite shade of pinkish fawn. Truly a wonderful achievement in Rose hybridization. It is a strong grower with healthy, dark, glossy green foliage. Very free flowering. We take great pleasure in recommending this beautiful Rose to all our customers. Price,  $2\frac{1}{2}$ -inch pots, each 35c;  $3\frac{1}{2}$ -inch pots, each 50c.

**My Maryland.** (H. T.) Grand novelty of last year and a prize winner at nearly all the big flower shows this past autumn. Bright salmon pink with paler edges; very fragrant, robust and floriferous; a rose of great promise. Price each  $2\frac{1}{2}$ -inch pots 20c;  $3\frac{1}{2}$ -inch pots 40c.

**Natalie Boettner.** (Hybrid Tea.) This is a cross of that famous rose, Frau Karl Druschki, with Goldelse, and combines in the most conspicuous manner the advantages of these two beautiful white roses—Druschki and Kaiserin, which, however, it surpasses. The plants are of extraordinary vigorous growth. The beautiful large flowers are borne singly on long stems. The shape of the flowers is exquisite, resembling Kaiserin Augusta Victoria and the color is a

soft creamy yellow. It is also an extremely free bloomer. This new rose was awarded two medals at the spring exhibition in Berlin in 1909, being a hybrid tea rose, it is most desirable for garden culture producing its lovely flowers throughout the entire season. Strong, dormant stock only, each 75c.

**Othello.** (Syn Chateau de Clos Vougeot.) This rose, originated by the celebrated Pernet-Ducher, has been grown in our greenhouses with remarkable success. All who have seen it have been carried away by its beauty. Its fiery red is so rich that it appears like velvet and holds its color from the bud until full blown, the nearest to a black rose in existence. The color is enhanced and made more striking by its handsome dark glossy green foliage. In habit it is robust, producing finely shaped blooms, which are splendid for cutting. It is one of the very best Roses of recent years and deserves wide dissemination. Price each,  $2\frac{1}{2}$ -inch pots 35c;  $3\frac{1}{2}$ -inch pots, each 50c.

**The Lyon.** (New French Rose.) A cross between Mme. Melaine Soupert and an unnamed seedling of Soleil d'Or. Color, shrimp pink at edges of petals; center of flower intense coral red, shaded chrome yellow; free grower and abundant bloomer; flowers large, fairly full, with fine smooth petals and long pointed buds. We have no hesitation in recommending it to our customers as the most wonderful coloring amongst roses which has yet been attained. Very fragrant and hardy. Price, 2-year dormant stock, each 75c.

**White Killarney.** (H. T.) A pure white sport from Killarney. Awarded Silver Cup at National Flower Show. Identical with the ever-popular and well known pink Killarney. It is perfectly hardy with light protection. A strong, robust grower, flowering very freely throughout the season. The flowers are very large, buds long and pointed; erect stems and a great acquisition. Price, each,  $2\frac{1}{2}$ -inch pots 20c;  $3\frac{1}{2}$ -inch pots 40c.

**W. R. Smith.** (H. T.) Although not new, this is a most desirable ever-blooming summer rose and as a bedder is without a peer. The flowers are creamy white, shaded pink, and are produced with the greatest freedom. It makes a beautiful cut flower. This is one of the Roses that should be in all gardens, great and small.  $2\frac{1}{2}$ -inch pots, each 15c;  $3\frac{1}{2}$ -inch (this is extra fine stuff), 30c.

### VAUGHAN'S SUPERB "NOVELTY" COLLECTION

This collection contains one each of the following new beautiful varieties: Leuchtfeuer, Mad. Segond Weber, Mrs. Aaron Ward, Othello, W. R. Smith, and White Killarney.

**Size A,** from  $2\frac{1}{2}$ -inch pots, set of 6 for \$1.25, prepaid.  
**Size B,** from  $3\frac{1}{2}$ -inch pots, set of 6 for \$2.25, prepaid.



KAISERIN AUGUSTA VICTORIA



CLOTHILDE SOUPERT



CAROLINE TESTOUT

## Hardy Everblooming Hybrid Tea Roses

A class which is rapidly becoming conspicuous. The result of crossing Hybrid Perpetuals with the Tea Scented varieties, and being perpetual bloomers all summer, bid fair in a few years to outrival all other sections, possessing as they do a good deal of Tea Blood give us the most beautiful shades of color. Good long stems, pointed buds and very fragrant flowers which make them amongst the best for cut flowers and table decoration. They are hardy and free growers producing quantities of bloom from the beginning of the season until late in fall.

**Blumenschmidt.** (P.) Pure citron yellow, outer petals edged pale rose, a vigorous grower, free bloomer and winner of three first prizes.  $2\frac{1}{2}$ -inch pots, each 15c; dozen \$1.25;  $3\frac{1}{2}$ -inch pots, each 30c.

**Cardinal.** (P.) Dark red, very long bud, robust growth and free flowering. Very distinct and hardy.

**Caroline Testout.** (\*) Valuable for summer blooming; flowers full, very large, globular form, color clear satin rose, very vivid, petals bordered with tender rose, very fragrant. Vigorous grower, branches strong and straight.

**Duchess of Albany.** (\*) Deeper pink than La France, very sweet scented, large, full and vigorous grower.

**Etoile de France.** Crimson, very full and opening freely; this is the queen of the ever-blooming Red Roses.

**Farben Konigin.** (\*) Strong, upright grower, free flowering, large and double. Buds long; like a La France in appearance; color bright salmon rose with silvery sheen.

**Gloire Lyonnaise.** (\*) Light creamy yellow, medium size, nice form; useful for bouquets.

**Gruss an Teplitz.** Unquestionably the finest brilliant red, hardy, ever-blooming garden Rose. The flowers are very showy and handsome. It blooms constantly and continues covered with flowers the whole season.

**Helen Gould.** (P.) A vigorous grower, with long beautiful buds of rosy crimson. Hardy and an incessant bloomer.

**J. B. Clark.** (\*) Growth is vigorous and upright. Blooms are large and beautifully formed; color intense scarlet, strongly fragrant.

**Kaiserin Augusta Victoria.** Very large, cream shaded with lemon; very full flowered and of perfect form.

**Killarney.** A strong, robust grower and free and continuous bloomer. The color is brilliant sparkling pink; the flowers are extra large and full, with broad, thick petals and delightful tea fragrance. With usual winter protection it is quite hardy, and altogether a rose of great beauty and excellence.

**La France.** Bright satin pink and rose, silvery reflex; blooming early and late; one of the best roses grown.

**Lady Asthown.** (\*) Very pale rose, shading to yellow at base of petals; flowers large, full and pointed; habit, branching and vigorous; a splendid rose for garden or greenhouse.

**Leuchtfeuer.** (P.) See page 102.

**PRICES—2-year-old Dormant Plants, each 35c; per dozen \$3.50; per 100, \$25.00; plants from  $2\frac{1}{2}$ -inch pots, each 15c; per dozen \$1.50; plants from 3 to 4-inch pots, each 30c; per dozen \$3.00, by express at buyer's expense.**

### THE "WINNETKA" COLLECTION OF 12 EVER-BLOOMING ROSES

(For description see general list of Hardy Everblooming Tea Roses.)

**Captain Christy.** Flesh.

**Caroline Testout.** Satin Rose.

**Duchess of Albany.** Deep Pink.

**Etoile de France.** Crimson.

**Gloire Lyonnaise.** Yellow.

**Gruss an Teplitz.** Brilliant Red.

**PRICE—2-year-old Dormant plants until May 1st, 1 each of 12 above kinds, \$3.50; 3 each of 12 above kinds, \$10.00, by express only.**

**Kaiserin Augusta Victoria.** Cream

**Killarney.** Pink.

**La France.** Satin Pink.

**Madam Abel Chatenay.** Carmine.

**Mildred Grant.** Pure White.

**Red Kaiserin.** Red.

### THE "LAKE FOREST" COLLECTION OF 15 EVER-BLOOMING ROSES

(For description see general list of Hardy Everblooming Tea Roses.)

**Cardinal.** Dark Red.

**Etoile de France.** Crimson.

**Gruss an Teplitz.** Brilliant Red.

**Helen Gould.** Rosy Crimson.

**Kais. Aug. Victoria.** Cream.

**Killarney.** Pink.

**La France.** Satin Pink.

**Mad. Abel Chatenay.** Carmine.

**PRICE—The collection from  $2\frac{1}{2}$ -inch pots \$1.50, prepaid; 4-in.**

**Mad. J. Grolez.** Red.

**My Maryland.** Salmon Pink.

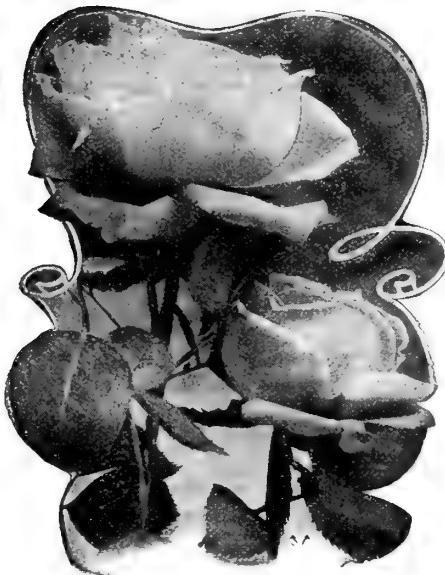
**Rhea Reid.** Cerise.

**Richmond.** Scarlet.

**Souv. de Pres. Carnot.** Blush.

**White Killarney.**

**W. R. Smith.** Flesh.



AMERICAN BEAUTY.



JOHN HOPPER.

## Hardy Hybrid Perpetual Roses

These are of a hardy constitution, vigorous growth, and easily cultivated, and stand the climate of northern or middle states better than any other class.

Many of them flower the entire summer, others flowering through the month of June, and again in August and September, especially so if they are kept watered from time to time with manure water and a dressing of Bonemeal, say two pounds to the square yard. Care being taken to look after the attacks of insects which can be done by a liberal sprinkling of Hellebore during early Spring.

The flowers are large, often measuring five to six inches in diameter. Very fragrant. They are of all colors. For bedding in solid groups and amongst shrubbery and for the Exhibition stand. They form the principal part of our ordinary garden roses. Plant fifteen to eighteen inches apart. If planted in beds, the Baby Rambler Roses form a fine border for the outside row.

**ALFRED COLOMB.** Bright carmine red, large globular flowers, erect grower and abundance of bloom.

**AMERICAN BEAUTY.** Deep pink shaded toward the center with carmine crimson. Large, full and fragrant.

**ANNA DE DIESBACH.** Bright rose, very large and showy, long pointed buds, a vigorous grower.

**BALL OF SNOW.** Pure white, light flesh when opening, elegantly formed with beautifully shaped petals.

**BARON DE BONSTETTIN.** Rich, dark red passing to deep velvety maroon, double and full.

**BARONESS ROTHSCHILD.** Rich satiny pink, very large, full and fine form.

**CAPTAIN HAYWARD.** Scarlet crimson perfect form, sweet scented, very fine.

**CLIO.** Flesh color shaded to center with rosy pink, a vigorous grower with fine foliage and abundance of bloom.

**COQUETTE DES ALPS.** Elegant large flowers, pure white, fragrant, a profuse bloomer, hardy and one of the best.

**DUKE OF TECK.** Crimson Scarlet, very distinct, vigorous grower, flowers large and full.

**FISHER HOLMES.** Deep crimson, fine rose in every way. Perfect form.

**FRAU KARL DRUSCHKI.** (White American Beauty.) Snowy white, large, full, vigorous grower, good foliage, splendid long buds.

**GEN. JACQUEMINOT.** Bright shining crimson, shapely buds and handsome blooms. The Jack Rose is noted for its good qualities.

**GEN. WASHINGTON.** Brilliant crimson scarlet, constant bloomer, dwarf grower and perfectly double.

**GIANT OF BATTLES.** Rich red, very large and of good form and substance, free bloomer.

**HUGH DICKSON.** Brilliant crimson shaded scarlet, large smooth petals, slightly reflexed on the edges. Very fragrant and vigorous.

Price. Extra strong, dormant, 2-year-old field-grown plants supplied up to May 1, by express, each 30c, 3 for 85c, doz \$3.00, per 100 \$22.00.

**JOHN HOPPER.** Brilliant rosy crimson, solid and regular flowers abundant, free and fragrant.

**MABEL MORRISON.** Pure white large masses perfectly formed flowers.

**MAD. CHAS. WOOD.** Brilliant fiery red, very double and quite fragrant flowers, a constant bloomer the entire season.

**MAD. GABRIEL LUIZET.** Light satiny pink, attractive, large and full, best in early season.

**MAD. PLANTIER.** Pure white, large and double, free and continuous bloomer, One for cemetery planting.

**MAGNA CHARTA.** Deep pink, large sweet scented and of fine form, one of the hardest roses in cultivation.

**MARGARET DICKSON.** White, pale flesh in center, vigorous and absolutely hardy, good stiff stems.

**MARIE BAUMANN.** Vivid red, perfect form, fragrant, good exhibition variety.

**MARSHALL P. WILDER.** Bright carmine red, large and full flowers, a grand rose.

**MERVILLE DE LYON.** White, center slightly rosy peach, flowers cup-shaped, large and full.

**MRS. JNO. LAING.** Bright shining pink, good foliage, long stiff stems, constant bloomer and very hardy.

**MRS. R. G. SHERMAN CRAWFORD.** Light flesh pink, perfect flowers, somewhat imbricated on clean, erect stems.

**PEONIA.** Light red, peony shaped flowers, very hardy and robust grower.

**PAUL NEYRON.** Deep rose, enormous flowers, good foliage, and a strong grower.

**PRINCE C. DE ROHAN.** (The Black Rose.) Deep velvety crimson passing to intense maroon, fragrant, a strong grower and hardy.

**ULRICH BRUNNER.** Cherry crimson, large fine form, a good garden and exhibition rose, very strong grower and hardy.

**NOTE.—**We can supply American Beauty from May 1st, in 2½ inch pots, each 15c, doz \$1.00 prepaid; 4 inch pots, each 25c by express.

### Surprise Collection Hardy Roses.

Our Selection of sorts, strong 2-year dormant field grown plants. Dozen, \$2.50; per 100, \$18.00. By exp. only.

### Rose Collections

We give the names and colors of the varieties in our collections, but should the stock, as the season advances, become exhausted, we reserve the right to send another of similar character and equally desirable in place of it without further notice. If customers do not wish this, please state so when ordering.

## Vaughan's Unrivaled Collection of 12

### Best Hardy Garden Roses

For description see general list of Hybrid Perpetual Roses.

<b>Anna de Diesbach.</b> Bright rose.	<b>John Hopper.</b> Rosy crimson.	<b>Prince C. de Rohan.</b> Velvety crimson.
<b>Baron de Bonstettin.</b> Dark red.	<b>Margaret Dickson.</b> Flesh.	
<b>Baroness Rothschild.</b> Pink.	<b>Mrs. Jno. Laing.</b> Bright pink.	<b>Ulrich Brunner.</b> Cherry crimson.
<b>Frau Karl Druschk.</b> White.	<b>Mrs. R. G. S. Crawford.</b> Flesh.	
<b>Gen. Jacqueminot.</b> Crimson.	<b>Paul Neyron.</b> Rose.	

Price: 1 each of 12 above named kinds \$3.00 or 3 each of 12 named kinds \$8.00.

**NOTE.—**The roses offered in this collection are budded low on Manetti stocks. These are generally known as grafted roses. Can be planted the first thing in Spring up to May 1. After that date only potted plants can be supplied. These roses should be planted so that the part where the bud is joined with the stock will be three inches below the surface.

### Regarding the Mailing of Roses

Our prices on the small sizes, out of 2 or 2½-inch pots include postage. Larger sizes, out of 3, 3½ and 4-inch pots and dormant plants should be sent by express. If wanted by mail, add 5 cents each for cost of postage and packing. We do not recommend the mailing of Roses.

**NOTE.—**Pot grown roses should not be planted out of doors until all danger of frost is past.



JESSIE, THE NEW BABY RAMBLER

## New Baby Rambler Roses

We were the first to offer the Crimson Baby Rambler Rose in America. This Rose has come to stay and is a favorite everywhere on account of its hardiness, free blooming habits and adaptability as a pot rose and for bedding purposes.

**Jessie.** (New 1910.) This is a charming novelty, is constantly in bloom, commencing with the first June roses and continuing until frost kills them off in November and December. The height outside does not exceed 2½ ft. It has a freely branching habit, the foliage is bright, glossy green and wonderfully free from mildew. The flowers are disposed in huge clusters and are of a bright cherry-crimson color, which does not fade or develop the objectionable purple or magenta tints. Dormant plants, each 75c; 4-inch pot plants, each 75c, by express.

**Mrs. Taft.** (New 1910.) A cross between Baby Rambler and Crimson Rambler, similar in foliage and flower to the latter, in bloom all summer; splendid for massing in beds or for cutting. It is a great improvement of the popular Baby Rambler and was awarded an Award of Merit in London, 1909. From 2½-inch pots, each 3c; from 3½-inch pots, each 50c, by express.

**Orleans.** (New.) Color bright red and pink, center slightly shaded white. It has the same free flowering, dwarf, compact, robust habit as Mrs. Cutbush. Foliage bright green. This is a rose of great merit and will undoubtedly become a great favorite for pot culture, forcing and bedding. It is perfectly hardy. Price, from 2½-inch pots, each 35c, prepaid; price from 3½-inch pots, each 50c, by express.

**Phyllis.** (New 1910.) This beautiful Pink Baby Rambler is considered by many to be the most popular of this section. This variety grows to a height of 2 ft. and is a beautiful carmine pink color. Flowers are produced in continuous succession of large clusters. It is in every way a most desirable variety. Dormant plants, each 75c; 4-inch pot plants, each 75c, by express.

## TEA ROSES

This class are easily distinguished by their delicate fragrance and shades of color. Not being as hardy as the Perpetuals and Hybrid Teas, are more suited to greenhouse culture and the southern states, although they can be planted in any latitude and sunny position where they are protected from cutting winds. They prefer a rich, warm, dry soil and moderate pruning, removing all the unripe and weak wood. Protection in the way of straw, litter or leaves is necessary in the Fall.

**Bridesmaid.** Clear, shiny, pink stems, long and stiff. A profuse bloomer. A sport from Catharine Mermet.

**Maman Cochet Pink.** Carmine, mingled with salmon yellow; large, full and vigorous.

**Maman Cochet White.** Beautiful pure white sport from Pink Cochet; large, full, and beautifully scented.

**Perle Des Jardins.** Deep straw yellow, sometimes deep canary yellow; the finest of its color for summer or winter blooming.

**The Bride.** A white sort from Catharine Mermet; large, full, perfect, pure white. Price, 2½-inch pot plants, each 15c; doz. \$1.25; 3½-inch pot plants, each 30c; doz. \$3.00.

**NOTE** POT GROWN ROSES SHOULD NOT BE PLANTED OUT OF DOORS UNTIL ALL DANGER OF FROST IS PAST.

## CRIMSON BABY RAMBLER

A French Rose (Mme. Norbert Levavasseur) a cross between Crimson Rambler and Glory of Polyanthus, retaining the color of the former with the exceedingly free flowering habit of the latter. The flowers are borne in clusters of 30 to 40, and the foliage is dark, glossy and profuse. A large bed in our grounds was constantly in bloom until November, even in the hottest weather. This is a remarkable record.

**Price.** All plants in pots show flowers and buds. The first size (2½-inch pot plants), singly, in three and in dozens, can be sent prepaid by mail; other sizes are too large to mail and must be sent by express at buyer's expense.

	Each	3 for	Doz.	100
2½-inch pot plants.....	\$0.15	\$0.40	\$1.50	\$10.00
4-inch pot plants.....	.35	1.00	3.50	25.00
2-year dormant field grown, extra strong.....	.40	1.10	4.00	28.00
3-year dormant.....	.60	1.60	6.00	

**Tree Baby Rambler.** Budded on Rugosa stock in tree or standard shape. Fine 2-year-old heads on 3 ft. stems, which will give you a tree rose in flower all summer and fall. Price, each \$1.00; 6 for \$5.00, all by express.

## BABY DOROTHY, The New Pink Baby Rambler (Maman Levavasseur)

Compared to the well-known Crimson Baby Rambler Rose, this lovely new rose is just as vigorous and free blooming, with the difference that the flowers are a very bright and pleasing rose-pink. It is perfectly hardy and blooms from Spring to Fall, and as a pink bedding rose it has no equal. We have counted as many as 100 blooms to a cluster on 3-year-old plants. 2½-inch pot plants, each 20c; 3 for 55c; doz. \$2.00; 4-inch pot plants, each 40c; 3 for \$1.10; doz. \$4.00.

## MRS. CUTBUSH (New)

In this new Baby Rambler we have the same style as Mme. Norbert Levavasseur, except that the flowers, which are borne very profusely, are of a pleasing salmon pink color, very desirable. 2-year dormant each 40c; 3 for \$1.10; doz. \$4.00.

## VAUGHAN'S WHITE BABY RAMBLER

This bush rose, which we imported from Germany four years ago, we are more than pleased with, as the plants have never been out of bloom. The flowers are borne in clusters of 50 to 75 individual flowers, 1 inch in diameter and pure snow white. The foliage is dark and glossy and finely cut. Does not grow over 12 inches in height, forming very bushy plants. For cemetery use of great value, being perfectly hardy. 2½-inch pot plants, each 15c; 3 for 40c; doz. \$1.50; 4-inch pot plants, each 35c; 3 for \$1.00; doz. \$3.50.

## VAUGHAN'S BABY ROSE

### Collection No. 1

One each Jessie, Mrs. Taft (3½ in.), Orleans (3½ in.), Phyllis and White Baby (4 in.), for \$2.00, by express, (regular price \$2.85.)

## VAUGHAN'S BABY ROSE

### Collection No. 2

One each Crimson Baby, Baby Dorothy, White Baby, Mrs. Taft and Orleans, the 2½ inch pot size, for 85c postpaid, (regular price \$1.20.)



## MOSS ROSES

These old-fashioned favorites require close pruning, and a liberal supply of manure. They are all delightfully scented. There are few things more beautiful than a Moss Rose in bud. All are of the easiest culture.

**Double Pink, Double Red, Double White.** 2-year dormant stock. Extra strong plants, each 35c; 3 for \$1.00; 12 for \$3.50, by express.

## AUSTRIAN BRIAR

**Soleil d'Or or Golden Sun.** A cross between "Persian Yellow" and "Antoine Ducher." It retains a good deal of the character of the former in the wood and bark, but the foliage is vastly improved, being large and very plentiful. The habit of the plant is robust, producing vigorous shoots in abundance, branches straight and of good size. The coloring of the flowers is very rich, a marvelously rich shade of chrome-yellow with a glint of coppery-rose in the center. The coloring in the fully expanded flower is gloriously superb. A Hardy Yellow Rose, one that is really hardy in the North in this country, has been the goal for which the world's best hybridizers have been striving. Price, strong 2-year-old plants, field grown, each 35c; 3 for \$1.00; doz. \$3.50; per 100 \$25.00.

# HARDY CLIMBING ROSES

We draw your attention to the splendid condition of our stock.

**Aglia.** (Yellow Rambler.) Beautiful yellow flowers, borne in large clusters, in a manner similar to the Crimson Rambler. A very robust grower, and flowers with the greatest freedom when well established; usually the second year after planting. Strong dormant plants, each 50c; doz. \$5.00, by express.

**American Pillar.** A new climber of vigorous habit, the enormous flowers sometimes measuring 3 inches across, are borne in large clusters and are produced with the greatest freedom, fairly covering the bush. Color is a delightful shade of pink. In the fall the flowers are followed by large clusters of attractive red berries. Strong dormant stock, each 50c, by express; 4-inch pot plants, each 50c, by express.

**Baltimore Belle.** Your yard is not complete without this grand rose. Will grow 15 feet in one year, and be covered with clusters of large double flowers of a pale blush color. Price, strong 2-year dormant field plants, each 35c; 3 for \$1.00; 12 for \$3.50, by express.

**CLIMBING BABY RAMBLER.** (Miss G. Mesman.) A hardy everblooming climbing rose, with beautiful carmine red flowers, produced in immense trusses from June until fall. For porches, arches, verandas and walls there is no better rose grown. It is the first real hardy everblooming climbing rose introduced. Strong plants, each \$1.00, by express.

**Climbing Clothilde Soupert.** It is a vigorous grower, forming canes 15 feet in one season, and covered with large clusters of flowers all summer. Flowers are large, double and a beautiful shell pink, forming the buds in clusters. Perfectly hardy and will stand any kind of weather. 2½-inch pot plants, each 15c, prepaid; 4-inch pot plants, each 40c; doz. \$4.00, by express.

**CLIMBING COUNT ZEPPELIN.** The color of this new hardy climbing rose is of a most brilliant pink with fiery reflex. The plants are very strong, perfectly hardy and very free blooming, and to a certain extent, everblooming; that is, they will produce flowers after the main crop is gone. This new rose has been awarded numerous first prizes in Europe, where exhibited. 2½-inch pot plants, each 50c, prepaid; 3½-inch pot plants, each 75c, by express.

**Climbing Hermosa.** A climbing variety of this well-known hardy everblooming rose; the flowers are large, very double and very full; color, clear bright pink, and borne in great profusion. 2½-inch pot plants, each 35c, prepaid; 3½-inch pot plants, each 50c, by express.

**Climbing Meteor.** Rich dark velvety crimson; a similar color to that of General Jacquemynot. Fine strong plants. 2½-inch pots, each 15c, prepaid; 3½-inch pots, each 40c; doz. \$4.00, by express.

**CRIMSON RAMBLER.** This grand old climber hardly needs description. The magnificent trusses of bri brt crimson flowers are freely produced and admired by everyone. It is still one of the easiest of Roses to succeed with. Unsurpassed for walls, hed es, pillars, arches, pergolas; very hardy and a strong grower. Strong 2-year-old, field grown, each 50c; strong 3-year field grown, each 75c; extra heavy field grown (splendid plants), each \$1.00; 3½-inch pot plants, each 30c, all by express.

**Debutante.** Beautiful soft pink, borne in clusters similar to that of Crimson Rambler, double and sweetly scented, foliage dark green and glossy. Strong 2-year field plants, each 50c, by express.

**DELIGHT.** (New.) This new single climbing or rambler rose is of very vigorous growth and its foliage, which is very glossy green is a most desirable feature of this variety. Its bright carmine flowers, which are based with white and the center filled with yellow stamens, gives it a most harmonious combination of flower and foliage. Strong dormant stock, each \$1.50, by express.

**DOROTHY PERKINS.** A good one. As hardy as Crimson Rambler. The flowers are about 1½ inches across; are borne in clusters of from ten to thirty, and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Strong 2-year dormant field stock, each 50c; strong 3-year dormant field stock, each 75c; 3½-inch pot plants, each 30c, all by express.

**Dorothy Perkins, White, see White Dorothy Perkins.**

**Evergreen Gem.** (Wichuriana.) Color creamy white, double and of a delicate sweet-briar fragrance. Strong dormant field plants, each 35c, by express.

**HIAWATHA.** The flowers are single and of a deep crimson with petals shading to a pure white at the base. The foliage is of a light glossy green. The remarkable beauty and the striking effect of a plant in full bloom must be seen to be thoroughly appreciated. Flowers very freely, and it is undoubtedly one of the best of the single roses now extant. Strong 2-year dormant field plants, each 50c, by express; strong 3-year dormant field plants, each 75c, by express; 3½-inch pot plants, each 35c, by express.

**La Fiamma.** Flowers crimson and white; foliage dark glossy green, very free. Extra strong 2-year dormant field plants, each 50c, by express.

**Jersey Beauty.** (Wichuriana.) Very vigorous. Flowers produced singly and in clusters, 3 inches in diameter, pale yellow with clusters of bright yellow stamens, very fragrant. Price, strong 2-year-old plants, each 30c; 3 for \$0.75; doz. \$2.50, by express.

**"LADY GAY."** A seedling from Crimson Rambler, which it resembles in habit and hardiness. The flowers are of a delicate cherry pink color, changing to a soft white. Rich glossy foliage. The effect of a plant in full bloom, with the combination of the soft white flower, the cherry pink buds, and the deep green foliage, is superb, vigorous grower and perfectly hardy. Strong 2-year dormant field plants, each 50c, by express; strong 3-year dormant field plants, each 75c, by express; 2½-inch pot plants, each 15c, prepaid; 3½-inch pot plants, each 35c, by express.

**Manda's Triumph.** (Wichuriana.) Flowers double white, very sweetly scented, vigorous grower. Quite hardy. Strong dormant field plants, each 35c, by express; extra heavy dormant field plants, each 50c, by express.

**Marchal Niel.** A most beautiful deep golden yellow, very large and double; deliciously scented, but unfortunately not quite hardy (excepting in the south and on the Pacific Coast). For the walls of a viney or pillars in a greenhouse this is a magnificent rose. 2½-inch pot plants, each 15c, prepaid; 3½-inch pot plants, each 40c, by express; 5-inch pot plants, each 50c, by express.

**Mrs. Robert Peary.** (Climbing Kaiserin.) The flowers are extra large, pure white and double. The most remarkable feature of this variety is that it blooms continuously the first year. 2½-inch pot plants, each 15c, prepaid; 3½-inch pot plants, each 40c, by express.

**New Century.** Bright rosy pink, bordered creamy white, center red, fully double and borne in pretty clusters. Very sweetly scented, having the fragrance of a Sweet Briar. Strong 2-year dormant field plants, each 50c, by express.

**New Rambler "Newport Fairy."** A fine novelty of exceptional merit. Color, beautiful light pink with white center. Strong dormant field plants, each 50c; doz. \$5.50; 2½-inch pot plants, each 20c, prepaid; 3½-inch pot plants, each 40c, by express.

**Prairie Queen.** Color, bright red, changing as the flower opens to deep pink. A splendid rose for porches. Strong dormant field plants, each 35c, by express.



LADY GAY

**Philadelphia Crimson Rambler.** This variety is identical in many respects with the Crimson Rambler except the color is brighter, deeper, and more intense, the flowers are perfectly double to the center, last longer in bloom and come into flower about 10 days after Crimson Rambler. Strong dormant field plants, each 50c, by express.

**South Orange Perfection.** (Wichuriana.) Flowers blush pink, fully double, profuse bloomer. 2-year dormant field plants, each 35c, by express.

**Sweetheart.** Pure white, fully double, flowers produced in great clusters. Foliage small and glossy. Very effective. Strong 2-year field plants, each 50c, by express.

**"TAUSENDSCHEIN."** This beautiful novelty surpasses all other climbing roses of this section, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of a delicate soft pink, same color as Clothilde Soupert, later on changes into rose carmine. Strong 2-year dormant field plants, each 50c; 3 for \$1.35; 12 for \$5.00, by express; strong 3-year dormant field plants, each 75c, by express.

**Trier.** A perfectly hardy perpetual blooming rambler rose. The flowers are double creamy white with dark yellow stamens; clusters large, buds salmon rose. Continues to bloom until fall on the tips of the main and side ranches. Two-year-old plants, each 50c; 3 for \$1.25; doz. \$4.00, by express.

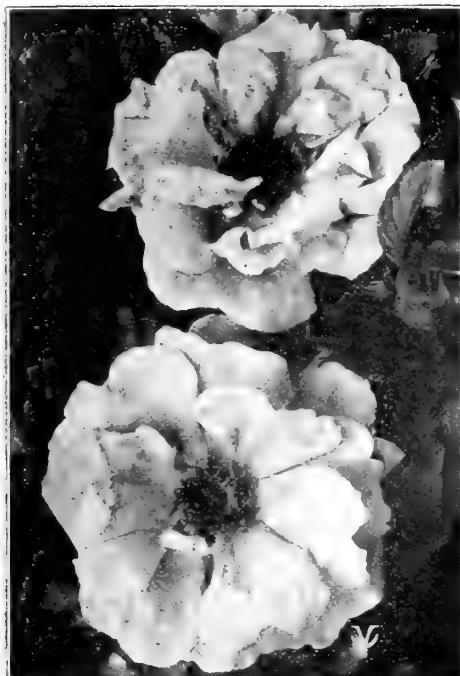
**Universal Favorite.** (Wichuriana.) Blush white, double, one of the memorial set. Foliage beautiful glossy green. Very hardy. Price, strong 2-year-old plants, each 35c, by express.

**Veilchenblau.** (Violet Blue.) This new rambler is hailed by European growers as the forerunner of a true blue rose, is a seedling of the well known Crimson Rambler. The color on first opening is a purplish pink, then turns to amethyst and finally fades to steel blue. The yellow stamens form a distinct contrast to the blue petals. Strong plants, each 50c and 75c, by express.

**WARTBURG.** (New.) This magnificent new climbing rose is a seedling of Tausendschön. Flowers are double and of a beautiful dark rose, with twisted petals resembling those of a cactus dahlia. The size of the flowers is that of the Crimson Rambler and are produced in large clusters in the most abundant profusion. The growth is strong, the foliage beautiful dark green and the shoots without thorns. We believe it is one of the best hardy climbing Roses introduced in the last few years. Strong dormant field plants, each 75c, by expr.

**White Dorothy Perkins.** (New.) This beautiful new Rose is the counterpart of the well known Dorothy Perkins, excepting in the color which is pure white. Already becoming a universal favorite. Awarded a Gold Medal by the National Rose Society, 1909. Strong 2-year dormant plants, each 75c, by express; extra heavy dormant plants, each \$1.0, by express; 2½-inch pot plants, each 35c, prepaid; 3½-inch pot plants, each 50c, by express.

**Wichuriana.** (Memorial Rose.) Flowers pure white, foliage bright glossy green. This is a beautiful subject for planting on graves. It creeps along the ground as closely as any Ivy and often grows ten feet in one season. The flowers are produced in July. 2-year dormant plants, each 35c, by express.



RUGOSA ROSE



KOSTER'S BLUE SPRUCE



MOSS ROSE

## TREE OR STANDARD ROSES

These roses are grafted on R. Rugosa with about 3 ft. clear stem. We have an exceptionally fine stock in the following varieties: Crimson Rambler, Dorothy Perkins, Lady Gay, Baby Ramblers (Standards and half Standards), H. P. varieties, pink red or white. **Each \$1.00.**

## RUGOSA ROSES

**Agnes Emily Carmen.** Brilliant crimson, single flowers; same shade as that of Gen. Jacqueminot. A very free flowering variety, being in flower almost all the summer.

**Alba.** Crowded with clusters of single pure white flowers, foliage dark green and glossy. Strong 2-year dormant field plants, **each 30c; 12 for \$3.00; 100 for \$20.00, by express.**

**Blanche Double de Coubert.** A fine double sweet and pure white flowering variety, producing clusters of from 5 to 10 flowers. It is a vigorous rampant grower, very free blooming—almost perpetual flowering. Flowers measure nearly 5 inches across and are lasting.

**Conrad F. Meyer.** Very vigorous and strong grower, the flowers which are beautiful in bud, are of clear silvery rose in color, very large and fragrant, superb foliage. **Extra fine.**

**Mad. G. Bruant.** Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery.

**Rubra.** (Type.) Beautiful single red, flowers throughout summer, followed by vivid scarlet seed vessels in the fall. Very free flowering and exceptionally hardy. Strong 2-year dormant field plants, **each 30c; 12 for \$3.00; 100 for \$20.00, by express only.**

**Sir Thomas Lipton.** Color pure snow-white, 3-4 in. across and perfectly double. Flowers are very fragrant, borne on strong, upright stems all through the growing season.

**Price,** except where noted, **each 35c; 3 for \$1.00; 12 for \$3.50, by express.**

## VARIOUS ROSES

**Hermosa.** (China.) A grand old rose. There are many gardens in which it holds first place for full and frequent bloom. Flowers borne in clusters, clear bright pink, very double and one of the best. Strong dormant field plants, **each 30c by express; 2½-inch pot plants, each 15c prepaid; 3½-inch pot plants, each 30c by express.**

**Perle des Blanches.** (Bourbon.) Pure white, sometimes tinted blush; early, and blooms the whole season almost as constantly as the ever-bloomers. **Price,** strong 2-year-old plants **each 35c; 3 for \$1.00; doz. \$3.50; per 100 \$25.00, by express.**

**Persian Yellow.** (Austrian Briar.) The Hardy Yellow rose of olden times. Deep golden yellow, semi-double and very hardy, suitable for planting in old-fashioned gardens and amongst shrubs, prune lightly as this variety flowers in the previous year's growth. **Price,** strong 2-year-old plants, **each 35c; 3 for \$1.00; doz. \$3.50, by express.**

**Rubiginosa.** (True English Sweet Briar.) Valuable for the refreshing fragrance of its leaves. This is the true Eglantine. No garden should be without a plant of it. It is perfectly hardy, and once it is planted, little, if any, care is necessary. 12 to 15-inch, **15c each; \$6.00 per 100; 5 to 6 feet, 40c each; \$35.00 per 100.**

**Rubrifolia.** Valued for its beautiful reddish green foliage, as well as for its pink flowers in early June. It is one of the most attractive shrubs, especially when set among a mass of other shrubs or planted by itself in groups. 2 to 3 ft., **35c; 3 to 4 ft., 50c, by express.**

**Setigera.** (Prairie Rose.) Small single pink flowers and extra fine foliage, sometimes called the bramble leaved rose. **Price,** 2-year-old plants, **each 35c; 3 for \$1.00, by express.**

**Souv. de La Malmaison.** (Bourbon.) The finest Bourbon rose sent out for many years, the color is lovely creamy flesh, with bright rose center elegantly shaded, constant bloomer and entirely hardy. **Price,** strong 2-year-old plants, **each 35c; 3 for \$1.00; doz. \$3.50, by express.**

## HARDY EVERGREENS

## JUNIPERUS (Red Cedar or Savin)

A group of evergreens of great beauty and adaptability. Fine for specimens on lawns and landscape planting.

**Hibernica.** (Irish Juniper.) An erect form with upright branches growing very close to the main stem, giving it quite a distinct column appearance. 15-inch, **each 40c; doz. \$4.20.**

**Japonica.** A very hardy and ornamental tree, with foliage of grayest green color. 15-inch, **each 60c; doz. \$6.00.**

**Virginiana Glauca.** (Blue Virginia Cedar.) A strong growing variety with silvery blue foliage; makes a splendid tree. 15-inch, **each 40c; doz. \$4.20.**

## PICEA (Norway Spruce)

Evergreen trees of pyramidal growth, very hardy and especially suited to middle western and northern states.

**Excelsa.** A tall and beautiful tree, most widely grown of all the Spruces, equally adaptable to planting as specimens on lawn, for shelter or windbreak. 12 to 15-inch, **each 20c; doz. \$1.80; 100 \$12.00.**

**Excelsa Nigra.** (Black American Spruce.) A small or medium size tree, a native of Northern America, of great hardness and particularly useful for planting in the northern states. 12 to 15-inch, **each 25c; doz. \$2.40; 100 \$15.00.**

**Pungens Glauca Kosteriana.** (Koster's Blue Spruce.) Notable variety from the Rocky Mountains and the most valuable conifer for ornamental planting. A rapid vigorous grower, with stiff, close branches and brilliant, rich silvery blue foliage. Perfectly hardy under all conditions. More in demand at the present time than any other conifer. The stock we offer is grafted on the "Compacta" type, which is far more regular, compact and dense than the ordinary Koster Spruce, besides being of the deepest steel-blue. Beware of seedlings offered at low prices; these are not as blue in color nor as symmetrical and regular in shape. Well-shaped trees, especially selected from our large stock.

	Each	Per doz.	Each
18-inch.....	\$2.50	\$24.00	\$8.00
2-ft.....	4.00	45.00	10.00
2½-ft.....	5.00	56.00	12.00
3-ft.....	6.00	67.00	15.00
			\$12.00 to \$15.00
			20.00 to 25.00

## PINUS (The Pines)

**Austriaca.** (Austrian Pine.) A tall, fast growing tree, fine for lawn or planting for shelter. 6 to 10 inches, **each 35c; doz. \$3.60.**

**Montana.** (Swiss Mountain Pine.) A dwarf growing pine, especially adaptable for planting in rock gardens or for small gardens. Very hardy. 8 to 12-inch extra bushy, **each 35c; doz. \$3.60.**

**Mughus.** (Dwarf Pine.) A low growing, handsome shrub, with bright green leaves and grayish brown cones; good for rockeries and small gardens. 6 to 10-inch extra bushy, **each 40c; doz. \$4.20.**

**Strobos.** (White Pine.) A tall and very beautiful pine, foliage dark green. Very hardy. 10-inch extra bushy, **each 30c; doz. \$3.00.**

## TAXUS (Yew)

Nearly all the Yews require protection here.

**Baccata.** (English Yew.) A large bush or tree, 30 to 40 ft. when fully grown. It is densely branched and can be trimmed into any shape. 12 to 18-inch, **each 60c; doz. \$6.00.**

**Cuspidata Brevifolia.** (Japanese Yew.) A low, dense growing shrub, with foliage dark shining green, tawny yellow beneath. Fruit bright scarlet. 1 to 2 ft, **each \$2.50.**

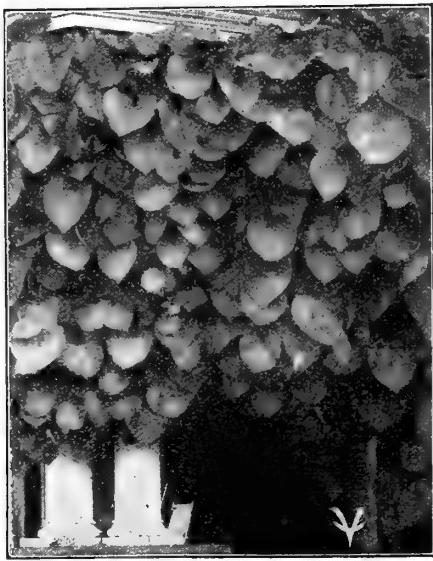
## THUJA (American Arbor Vitae)

**Occidentalis.** (American Arbor Vitae.) A beautiful native tree commonly known as the White Cedar; especially valuable for screens and hedges. 10 to 15-inch, **each 25c; doz. \$2.40; 100 \$15.00; 15 to 20-inch, each 35c; doz. \$3.60; 100 \$25.00.**

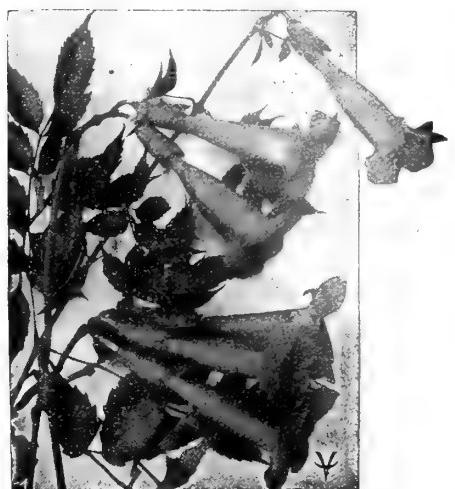
# HARDY CLIMBING VINES



AMPELOPSIS ENGELMANNI



ARISTOLOCHIA (Dutchman's Pipe)

BIGNONIA RADICANS  
(Trumpet Vine)

These most useful and beautiful plants are becoming more popular every year and deservedly so. For beautifying summer houses, trellises, verandas and walls, etc., they are invaluable. All are of easy culture, and once planted require very little attention, beyond an occasional soaking of water in very dry weather, and a little fertilizer in the spring.

**Actinidia Polygama.** (Silver Vine). A new, hardy climber of remarkable beauty, from Japan. The heart-shaped foliage on the ends of the flowering shoots is of a silvery white color and resembles Lily of the Valley in fragrance. The growth is rapid and vigorous. 3 year old plants, **each 50c; 6 for \$2.50; 12 for \$4.00, by express.**

**Akebia Vine.** A beautiful, hardy climbing vine. It often grows 15 feet in a year and produces in early summer large clusters of fragrant rosy purple flowers, resembling Forget-me-nots. Large vines, 3 years old, **35c; 4 years old, 50c, by express.**

**Ampelopsis Dumetorum Laciniata.** A vigorous sort, leaves digitate and deeply cut. 2 year old plants, **each 35c, by express.**

**Ampelopsis Engelmanni.** (Engelman's Ivy.) One of the hardest, best and quickest growing climbers for the north and northwest. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner, of greater substance and not turning yellow during the early fall, and almost perfectly free from insects. The leaves color up beautifully in the fall. 2 year old, **25c; 3 year, 35c; 4 year, 50c each, by express.**

**Ampelopsis Lowii.** A beautiful new Ampelopsis with small palmate leaves, and of a delightfully graceful habit. It is perfectly hardy and clings closely, the apple-green foliage going red, as does A. Veitchii as autumn advances. Plants from 3 inch pots, **each 50c, postpaid.**



JAPAN OR BOSTON IVY (Ampelopsis Veitchii)

**Ampelopsis Muralis.** Foliage similar to Quinquefolia; strong, rapid grower clinging to walls without support; withstands the hardest winters. Strong 4 year old plants, **each 35c, by express.**

**Ampelopsis Quinquefolia.** (Virginia Creeper or Woodbine.) Luxuriant in growth, with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Strong plants, 2 year, **each 25c; doz., \$2.50.** Extra strong, 3 year, **each 35c; doz., \$3.50, by express.**

**Apios Tuberosa.** A hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. **Each 5c; doz., 50c, postpaid.**

**Aristolochia Siphon.** (Dutchman's Pipe.) Very hardy, strong growing vine, with large peculiar heart-shaped leaves. Curious pipe-shaped flowers of yellowish brown. 2 years old, **25c each; 3 years old, 50c each, by express.**

**Bignonia Grandiflora.** This is an improvement on Radicans, but not as vigorous and hardy. The flowers are very large, trumpet-shape, of orange scarlet. 2 year old plants, **each 40c, by express.**

**Bignonia Radicans.** (Trumpet Vine.) Dark red orange throat, free blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps; or wherever a showy flowering vine is desired it will be found useful. 2 year **each 20c; doz., \$2.25; 3 year old, each 35c; doz., \$3.50; 4 year old, each 50c; doz., \$5.00, by express.**

**Celastrus Articulatus.** (Japanese Bitter Sweet.) A vigorous climber with almost round, bright green leaves, and orange yellow capsules in the fall. Strong 2 year old vines, **each 30c; doz., \$3.00; 100 \$20.00, by express.**

**Celastrus Scandens.** (Climbing Bitter Sweet.) A native climbing or twining plant, with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn; very lasting for decorative use. One of the most desirable climbers for shade. Strong 2 year old vines, **each 30c; doz., \$3.00; 100 \$25.00, by express.**

**Cinnamom Vine.** A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart shaped, bright glossy-green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots. **Each 5c; doz., 50c, postpaid; extra large roots, each 10c; doz., \$1.00, postpaid.**

## The Japan or Boston Ivy (Ampelopsis Veitchii.)

The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long, delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls.

### PRICES

By Mail Postpaid. By Express, Not Prepaid.

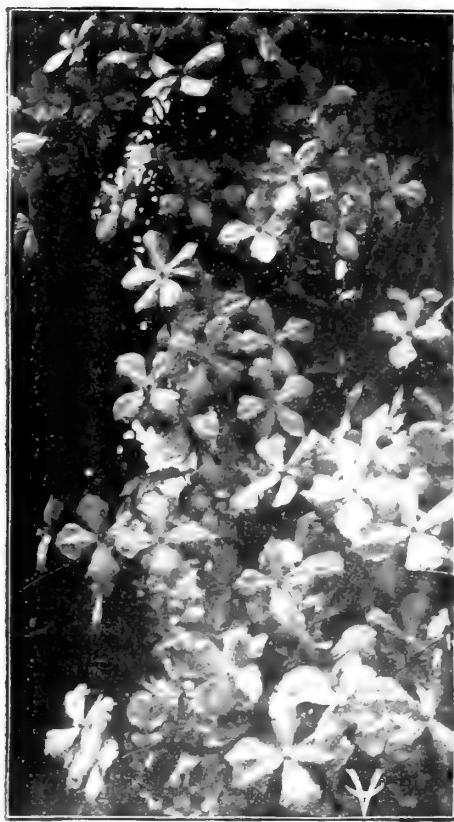
1 yr., ea. 15c; 3 for \$0.40; doz., \$1.50	1 yr., ea. 15c; 3 for \$0.40; doz., \$1.25
2 yr., ea. 25c; 3 for .65; doz., \$2.50	2 yr., ea. 20c; 3 for .50; doz., \$2.00
3 yr., ea. 40c; 3 for 1.10; doz., 4.00	3 yr., ea. 35c; 3 for 1.00; doz., 3.75
3 year, extra selected, each 60c; 3 for \$1.50, by express.	

**Climbers for Shady Places,** Aristolochia Siphon, Celastrus, Wild Grape Vine, Apios Tuberosa, Hop Vine, Akebia Vine, Honeysuckles.

**Climbers for Hot Sunny Situation,** Bignonia Radicans, Clematis Paniculata, Honeysuckles.

**Climbers for North Aspect,** Clematis all large flowering types such as C. Jackmani, Henryii, etc., Ampelopsis Veitchii (Boston Ivy.)

**Climbers for Eastern Aspect,** Ampelopsis Engelmanni, Cinnamon Vine, Matrimony Vine, Periploca Graeca.



LARGE FLOWERING CLEMATIS

**VAUGHAN'S SPECIAL "CLIMBER" OFFER No. 1** This collection contains the following strong plants: 1 Akebia Quinata, 1 Ampelopsis Engelmanni, 1 Aristolochia Siphon, 1 Bignonia Radicans, 1 Celastrus Articulatus, 1 Clematis, large flowering purple, 1 Clematis Paniculata, 1 Honeysuckle Halleana, 1 Matrimony Vine, 1 Periploca Graeca, 1 Rose Dorothy Perkins and 1 Wistaria Magnifica. The above for \$5.00, prepaid.

**CLIMBER OFFER No. 2** Six beautiful hardy climbers, in extra strong plants as follows: 1 Akebia Quinata, 1 Ampelopsis Engelmanni, 1 Bignonia Radicans, 1 Clematis Paniculata, 1 Honeysuckle Halleana, 1 Rose Dorothy Perkins. The above for \$2.50, prepaid.



JACK-AND-THE-BEAN-STALK VINE



CLEMATIS PANICULATA AND MONGOLICA

#### HARDY CLIMBERS—Continued

##### LARGE FLOWERING CLEMATIS

The Large-Flowered Clematis are the most beautiful of all our flowering vines. The flowers are large, often measuring four to six inches across and are borne in great wreaths and clusters during July and August. The colors are rich, royal purple, wine color and pearly-white. The vines are of slender, wiry growth and require some support that they can twine around, like a rod, pole or wire, and if the location is somewhat moist and partially shaded so much the better. The north side of house or porch with partial sun is a good spot. Hardy, but it is best to mulch them in winter.

**Beauty of Worcester.** New. A magnificent sort with enormous flowers of magnificent clear sky-blue, contrasting strikingly with the cluster of pure white stamens.

**Duchess of Edinburgh.** One of the best double whites, of vigorous habit very free of bloom and deliciously fragrant.

**Gypsy Queen.** A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

**Henryi.** (Bangholm Belle.) Strong grower, flowers always eight-sealed, 4 to 6 in. in diameter, and pure white. Very hardy.

**Jackmanni.** This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion on shoots of the present season; should be pruned early in spring.

**Madame Baron Viellard.** Light rose, lilac shadings. Much admired.

**Miss Bateman.** Pure white, with chocolate anthers. Commences to bloom as soon as its leaves start in May.

**Nellie Moser.** Large flower, beautiful white with red stripes.

**Sieboldi.** Flowers of large size. A beautiful light blue in color. Strong grower. One of the best.

**Ville de Lyon.** Its blooming capacity is great and the flowers are of the most magnificent brilliant crimson; they are large and of beautiful circular form.

**Prices—Extra Size Plants for Immediate Effect.** Many of our customers desiring immediate effect prefer this stock which we import from the best nurseries in Europe. Price, strong 2-year-old plants, each 50c; doz., \$5.00, prepaid. Extra strong, 3-year-old plants, 75c; doz., \$8.00, by express, not prepaid.

We send out healthy stock of this class of plants and cannot entertain any complaints on account of them not growing.

##### CLEMATIS COCCINEA HYBRIDS

An entirely distinct type of Clematis, the result of crosses between C. Coccinea and Star of India, combining all the good points of their parents in hardiness, vigor, robust growth and freedom of bloom, which, together with their novel coloring and shape, make them valuable additions to the list of hardy climbers.

**Countess of Onslow.** Bright violet-purple, with a broad band of scarlet through the center of each petal.

**Duchess of Albany.** A beautiful bright pink; deeper down the center.

**Duchess of York.** A delicate and pleasing shade of pale pink.

**Grace Darling.** A delicate hue of bright, rosy carmine. Strong plants, each 60c; 3 for \$1.60, by express.

##### VARIOUS SPECIES OF CLEMATIS

**Coccinea.** Bell-shaped flowers, bright coral red; blooms from June until frost. Each 20c; 3 for 50c; 12 for \$1.50, by express.

**Crispa.** Fine, deep blue, with a white border and deliciously fragrant. Each 20c; 3 for 50c; 12 for \$1.50, by express.

**Flammula.** Sweet Clematis. A vigorous climber with slender stems, flowers pure white in clusters. Each 50c, by express.

**Integrifolia Durandii.** Flowers bright blue, flowering from June to fall. Non-climbing habit, good for low fences. Each 60c, by express.

**Mongolica.** (The early flowering Clematis Paniculata.) A new, beautiful Chinese species smothered with beautiful, sweetly scented flowers from early June into July. This is almost identical with the popular Clematis Paniculata, but as it flowers in early summer the flowering season of this popular variety is much prolonged. Strong 3 year old plants, each 40c, by express.

**Viticella Purpurea Plena Elegans.** (New.) A rapid grower with small double purple flowers. Strong plants, each 50c.

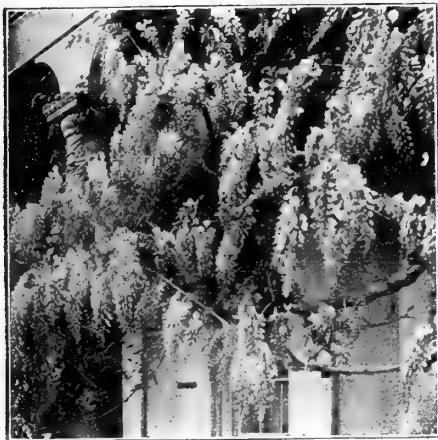
##### JAPANESE CLEMATIS (*Clematis paniculata*)

The finest small flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white deliciously fragrant, and produced with the greatest freedom. It flowers in September, when few other vines are in bloom. We believe this to be the easiest to grow, and most popular of all small flowered vines.

PRICES. By Mail Postpaid.				PRICES. By Express, Not Prepaid.			
Each	Three	Dozen	Age	Each	Three	Dozen	100
\$0.20	\$0.50	\$1.70	1-year	\$0.15	\$0.40	\$1.50	\$10.00
.30	.80	3.00	2-year	.25	.65	2.50	15.00
.50	1.40	5.50	3-year	.40	1.10	4.25	25.00
.90	2.50	—	4-year	.75	2.00	7.75	—

HAVANA, July 13, 1910. The packing of your last invoice was perfect, specially the Roses, Asparaguses, Ferns. If it had not been for this, all the lot would have been lost. Think of plants being packed in boxes for 37 days.

AUGUSTIN BRUN, Inspector of Parks,  
Panama, Republic of Panama.



WISTARIA



VITIS HETEROPHYLLA



MATRIMONY VINE

## HARDY CLIMBERS—Continued

### HONEYSUCKLES

We cannot speak too highly of this class, for covering arbors, fences, pergolas, verandas, etc. All are perfectly hardy and improve in beauty each year.

**Aurea Reticulata.** (Japan Golden Leaved.) Variegated yellow and green foliage, flowers creamy white.

**Bicolor.** (Sweet Scented Monthly.) One of the most satisfactory of Honeysuckles, producing continuously large trusses of red and yellow fragrant flowers.

**Fuchsioidea.** (Scarlet Trumpet or Semperflorens.) Fuchsia-like scarlet flowers, very free.

**Gigantea Superba.** Of rapid and luxuriant growth. Flowers are borne in large clusters, sulphur yellow, turning to cream white, very free. **Each 75c.**

**Heckrottii.** (New Sweet Scented.) Remarkable for the large size and distinct appearance of its flowers, dark rich red and creamy yellow in color. Blooms continually the whole season.

**Japonica Flexuosa.** (Chinese Twining.) Remarkable on account of retaining its beautiful glossy foliage most all winter and covered with sweet, yellowish-white flowers most all summer.

**Japonica Halleana.** (Hall's Japanese.) Almost evergreen sort, flowers, pure white, changing to yellow. July to November.

**Price,** except where noted. Heavy 3-year old vines, **each 50c; 3 for \$1.35; 12 for \$5.00; by express.** Strong 2-year old vines, **each 35c; 3 for \$1.00; 12 for \$3.75; by express.**

### HOP VINE (*Humulus Lupulus*)

A useful climber for covering unsightly places. **Each 10c; doz., 85c; 100 \$6.00, postpaid.**

### IPOMOEA PANDURATA

Rapid growing climber, absolutely hardy, thriving in almost any soil. Flowers are abundant, pure white with purple throat, foliage is luxuriant. One of the best climbers for northern latitudes.

First size roots, **postpaid, 15c; doz., \$1.50.** Extra size roots, by **express, each 25c, doz., \$2.50.**

### KUDZU VINE (*Pueraria Thunbergiana*) or Jack-and-the-Bean-Stalk Vine

The most remarkable climber extant. In rich soil will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; dark green; texture, soft and woolly. Fine for porches, arbors, old trees, etc. **Each 25c; 3 for 65c; doz., \$2.50.**

**Lathyrus.** (Hardy Everlasting Pea.) See Hardy Plants.

### MATRIMONY VINE (*Lycium*)

Well-known, hardy, fast growing vine; handsome when covered with scarlet fruit in autumn.

Strong 2-year old plants, **each 30c; doz., \$3.00;** 3-year old, **each 40c; doz., \$4.00;** 4-year old, **each 50c; doz., \$5.00, by express.**

### PERIPLOCA GRAECA (Silk Vine)

Native of Southern Europe. A rapid growing beautiful climber. Will twine around a tree or other support to the height of 30 to 40 feet. Foliage glossy, and purple brown axillary clusters of flowers. Strong vines, 3 years old, **each 35c; 3 for \$1.00; doz., \$3.50, all by express.**

### VITIS (Wild Grape Vine)

We have fine cultivated vines of these rapid growing, hardy climbers, well suited to the covering of tree stumps, arbors, etc. **Each 30c; 3 for 85c; doz., \$3.00, by express; 3 years, extra heavy, each 50c; doz., \$5.00, by express.**

**Vitis Heterophylla.** Of Japanese origin and of the greatest value for arbors, walls, trellises or woodland. The long clusters of light blue fruit hang through the winter. Foliage of light green, each leaf being delicately incised, or cut.

1 year, **each 35c; 3 year, each 75c.**

## HARDY CLIMBING ROSES

**Climbing Baby Rambler.** (Miss G. Mesman.) (New.) A hardy ever-blooming climber, with immense trusses of beautiful carmine red flowers, produced in great profusion from June to fall. **It is the first real hardy Ever-blooming Climbing Rose.** Strong plants, **each \$1.00, by express.**

**Lady Gay.** (The best pink Rambler Rose.) A beautiful cherry pink, passing off blush pink and white. Very free flowering and delightfully fragrant. A plant in full bloom is a wonderful sight.

Strong 2-year old, dormant field plants, **each, by express..... 50c**  
Strong 3-year old, dormant field plants, **each, by express..... 75c**

**2½-inch pot plants, each, prepaid..... 15c**  
**3½-inch pot plants, each, by express..... 35c**

**White Dorothy Perkins.** (The best White Rambler.) Flowers pure white, otherwise the counterpart of the well known Dorothy Perkins. Already becoming a great favorite. **Awarded a Gold Medal by the National Rose Society, England.**

Extra heavy, dormant field grown plants, **each, by express..... \$1.00**  
**2½-inch pot plants, each, prepaid..... .35**  
**3½-inch pot plants, each, by express..... .50**

For other Hardy Climbing Roses see Page 103.

### WISTARIA

**Alba.** Flowers white, in drooping racemes. Large plants 3 years old **75c, by express.**

**Magnifica.** Clusters of purple-lilac flowers. Price 2-year 35c; 3-year 50c; 4-year 75c **each, by express.**

**Multijuga.** (Japanese Wistaria.) Produces long racemes of beautiful pale lilac flowers. Very beautiful, strong, 3-year old plants, **each 75c, by express.**

## HALF HARDY OR SUMMER VINES

These are very rapid growers and are indispensable for covering quickly, arbors, fences, pergolas, etc.

### BOUGAINVILLEA

**Sanderiana.** A valuable climbing rose, thriving outside in California; strong and rapid growth; rose crimson flowers from April extending nearly all summer. Good rich soil is necessary. Small plants, **25c each by mail; large plants, 50c by express.**

**COBAEA SCANDENS (Cathedral Bells)**  
A beautiful climber of rapid growth, flowers bell-shaped, purple lilac in color and prolific bloomers. Large plants.

**Price, 2-in. pot plants, each 15c; 3 for 40c; doz., \$1.50, by express; 4-in. pot plants, each 30c; 3 for 80c; doz., \$3.00, by express.**

### IVY

**Fine for hanging baskets, window boxes and vases.**  
**English.** 4-inch pots, by express only, **each 25c; doz., \$2.50; per 100 \$18.00.**  
2-inch pots, **each 15c; doz., \$1.50, postpaid, doz., \$1.25; per 100 \$8.00, by express.**

**German.** (*Senecio Scandens*) 2-inch pots, **each 15c; doz., \$1.20, postpaid.**  
3-inch pots, by express only, **each 20c; doz., \$1.75; per 100 \$12.00.**

### MADEIRA VINES

One of the best and most popular climbers, not for the flower which is insignificant, but for its leaves which are small dark green and very dense. Vine is of slender growth and will succeed in any location, doing best however, in a sunny sheltered place. Not hardy and roots should be taken up in fall. Strong Tubers, **each 5c; 3 for 12c; per doz., 40c, postpaid; 25 for 75c; 100 for \$2.50, by express.**

### MOONFLOWER

**White.** Small plants, **each 15c; doz., \$1.50, prepaid; large plants, each 25c; doz., \$2.50, by express.**

**Blue.** (Leari.) Small plants, **each 10c; doz., \$1.10, prepaid.**

### THUNBERGIA (Black-Eyed Susan)

Beautiful trailing plants for hanging baskets and lawn vases. Flowers flaring, trumpet shaped. Mixed varieties. **Each 10c; doz. \$1.10; postpaid; by express, doz. \$1.00; per 100 \$6.00.**



HARDY PERENNIALS AND PERGOLA PLANTING

## Vaughan's New and Rare Hardy Plants for 1911

There is such a growing demand for Hardy Perennials, that we take pleasure in introducing to your notice the following list of new, rare and desirable varieties, many of them offered for the first time.



ARTEMESIA LACTIFLORA

**ASTER St. Egwin.** A novelty of recent introduction, very densely branched. It grows about 3 ft. high and is of bushy habit. It produces fine pure pink flat flowers of 1 1/2 in. across. A splendid acquisition. **Each 30c.**

**CHRYSANTHEMUM Maximum Larsoni.** A new variety of our own raising. Flowers pure white, semi-double and beautifully fringed. A free and continuous bloomer, one of the best for cut flowers. **2 ft. Each 35c.**

**CHRYSANTHEMUM Maximum, Mrs. J. Tersteeg.** A sterling novelty, producing flower stems 3 to 4 ft. high, with enormous pure white flowers. The largest of all "Maximum" varieties. Excellent for cut flowers. **Each 50c.**

**DAISY (Shasta), Burbank's New Semi-Double.** This is an everblooming variety, with semi-double snowy white flowers, flowering throughout the whole summer. Exceptionally fine for cutting. **2 ft. Each 50c.**

**DELPHINIUM Lize Van Veen.** A new variety with immense single sky-blue flowers. **Each 50c.**

**DIANTHUS Latifolius Atrococcineus Plenus.** A beautiful summer flowering variety, producing bright crimson flowers throughout the whole summer, a good cut flower variety. **1 1/2 inches. Each 15c.**

**HEMEROCALLIS Aureole.** A new Japanese hybrid of recent introduction, producing branched spikes of rich orange-yellow flowers shaded crimson on the outside, and forms a dense bush about 2 ft. high. **Each 50c.**

**HEMEROCALLIS, Dr. Regel.** The late flowering variety, with well shaped rich apricot flowers. **Height 2 1/2 ft. Each 50c.**

**HEUCHERA Brizoides Flambeau.** A beautiful new variety, producing flower stems 2 ft. high, color brilliant salmon-rose. It is exceptionally fine for cut flowers and for mixing with other cut flowers. **Each 35c.**

**HEUCHERA Plute de Feu.** A new free flowering variety with fiery scarlet flowers, very distinct. **Each 35c.**

**GERMAN IRIS, King of Iris.** A new introduction of great promise. "Standards" are clear lemon yellow, "Fall" deep satiny brown, with a broad border of golden yellow. This variety is far superior to Maori King. **Each 35c; doz. \$3.60.**

**ADONIS Amurensis Fl. Pl.** A rare plant with pretty fern-like foliage, and large double yellow flowers, one of the earliest flowering perennials; likes a shady situation. **1 ft. Each 75c.**

**ANEMONE Japonica Alice.** The finest of all double pink Anemones; large flowers of beautiful form, color rich carmine pink, shading to lilac rose toward center. It is quite distinct and the freest flowering of all. **3 ft. Each 35c.**

**ANEMONE Japonica Kriemhilde.** A beautiful new introduction with semi-double bowl shaped flowers, measuring 3 to 4 inches in diameter. Color beautiful bright rose carmine. **Each 40c.**

**ARTEMISIA Lactiflora.** A new plant growing 4 to 4 1/2 ft. high, and bearing graceful branching panicles of pure white fragrant flowers. The foliage is dark green and very elegant. **Each 35c.**

**ASTER Amellus Beaute Parfaite.** Fine large dark violet blue flowers, very free flowering and one of the best of this section; flowers from July to September. Height 2 ft. We have had this variety on trial for the past year, and have every confidence in recommending it to our customers. **Each 30c.**

**ASTER Amellus Perry's Favorite.** A new variety with beautiful pink flowers, easily the best pink in Hardy Aster. Height 2 ft. Flowers in July and August. **Each 20c.**

**ASTER Beauty of Colwall.** Distinct novelty with perfectly double flowers of a pleasing shade of lavender. Very free flowering. Height 4 ft. Received First Class Certificate R. H. S. London, 1907. **Each 50c.**

**ASTER Ibericus ultramarinum.** A wonderful, fine new Aster, of brilliant dark blue color. The flowers are placed in large clusters and appear in profusion. A grand acquisition and the best for cutting purposes. **Each 25c.**

**PHLOX, Baron Von Dedem.** This is a new variety bearing immense trusses of blood red flowers. **Pot grown, each 25c; doz. \$2.50; Field grown, each 40c.**

**PHLOX, Frau Ant. Buchner.** Flowers pure white. Undoubtedly the finest of its color yet raised. Strong habit and flowers of an immense size. **Pot grown, each 25c; Field grown, each 35c.**

**PHLOX Goliath (new).** Flowers bright carmine, with dark red center. Early flowering and tall growing variety. **Pot grown, each 25c; Field grown, each 35c.**

**PHLOX, Mad. Paul Duthrie (new).** Flowers soft pink suffused with white, a very delicate color, and worthy of a trial. **Pot grown, each 15c; Field grown, each 25c.**

**PHLOX, Sigrid Arnoldson.** Flowers fiery carmine red, with dark center. Extra fine. **Pot grown, each 25c; Field grown, each 35c.**

**RUDBECKIA Golden Ray.** An improved golden glow, having rich golden-yellow double flowers, forming an almost perfect rosette. It is a fine subject for cut flowers, especially for filling large vases. **Each 20c.**

**RUDBECKIA Nitida "Fall Sun."** A tall growing variety, producing branching stems of large single golden-yellow flowers, fine for back of border. **Each 20c.**

**RUDBECKIA Purpurea Grandiflora (Giant Purple Cone Flower).** Reddish-purple flowers of immense size, a decided improvement on the old type. Flowers from August to frost. Height 3 1/2 to 4 ft. **Each 35c.**

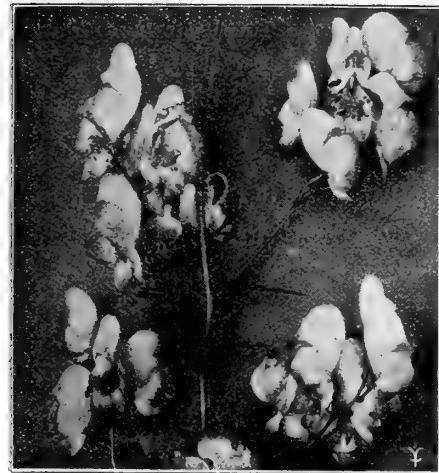
**SOLIDAGO Golden Wings (new).** Tall growing plant with arching branching sprays of golden-yellow flowers; this is one of the easiest perennials to grow, and will thrive in almost any situation. Height 5 ft. **Each 40c.**

**THALICTRUM Delavayii.** Very beautiful, new introduction from China, with fine glaucous green foliage and pretty lilac hanging flowers. Height 3 ft. **Each 30c.**



ASTER BEAUTY OF COLWALL

# Vaughan's Hardy Perennial Plants



ACONITUM—MONK'S HOOD



ALYSSUM SAXATILE



ACHILLEA

Of all the plants that are cultivated for purely ornamental purposes, there are none that have made the rapid strides in public favor like the Hardy Perennial or old-fashioned garden flower. The love for them of late years has increased so much and it is not surprising when we consider the many uses to which they adapt themselves so readily. There are so many of them that will give an abundant blossom the same year as planted, and for cut flowers we know of no class of plants that will give the same satisfaction for so little care.

For the borders of shrubbery, and naturalizing, wild and rock gardens, along carriage drives, and bedding purposes, this class of plant has become a necessity in beautifying large and small estates alike, and with the material offered in this list the most beautiful and interesting gardens can be made, and gardens that change their aspect with every change of season. They also have this advantage, the individual beauty of the plants is so great that a garden cannot fail to be interesting and lovely even if the arrangement has been neglected.

We carry a large stock of old-fashioned garden flowers and have this season added some new varieties of sterling merit. Parties not familiar with the varieties will do well to leave the selection to us.

Planting should be commenced as early as possible, usually about ten days

after the frost has lifted. If this is done the plants get well established before the hot weather comes in. In preparing the border, dig deeply and freely, add well decayed stable manure. Plant only when the soil is in a friable condition. It is better to heel plants in if the ground is not in good working order and wait until favorable weather, rather than plant in wet and clammy soil.

#### Vaughan's Special Offers of Hardy Plants in Variety

The plants in the following collections will be of the most desirable varieties and of the best quality, but in every instance the selection of varieties will be left to us.

We cannot furnish list of varieties in these collections, but will send out everything labeled.

H. P. Offer No. 1—Hardy Plants	25	first-class plants in variety for....	\$ 3.00
H. P. Offer No. 2—Hardy Plants	50	first-class plants in variety for....	5.00
H. P. Offer No. 3—Hardy Plants	100	first-class plants in variety for....	9.50
H. P. Offer No. 4—Hardy Plants	250	first-class plants in variety for....	23.00
H. P. Offer No. 5—Hardy Plants	500	first-class plants in variety for....	45.00
H. P. Offer No. 6—Hardy Plants	1000	first-class plants in variety for....	85.00

Regarding Prices	Where price per "each" is 15c, we furnish.....	3 for 40c
	Where price per "each" is 20c, we furnish.....	3 for 50c
	Where price per "each" is 25c, we furnish.....	3 for 65c

All orders are forwarded upon receipt, unless otherwise instructed to the contrary. Customers will kindly state at the time of ordering when goods are to be shipped.

#### Botanical Name. Common Name. Flowering Period. Color.

#### Height Each. Per doz.

#### Use, Soil, Position, Etc.

##### ACHILLEA

Achilleas are of easy culture and grow in any good garden soil. They are useful for the border, wild garden or shrubbery. Also cutting, especially Elegans.

Elegans.....	White Milfoil.....	All Summer.....	Pure White.....	2 ft.....	15c	\$ 1.50
Eupatorium.....	Yellow Milfoil.....	All Summer.....	Yellow.....	4-5 ft.....	15c	1.50
Millefolium Roseum..	Rosy Milfoil.....	June-Aug.....	Pink.....	2 ft.....	15c	1.50
ACONITUM						
Autumnale..Monk's Hood or Helmet Flower	September.....	Deep Purplish Blue	4 ft.....	20c	2.00	
Napellus.....	"	Aug.-Sept.....	Dark Blue.....	4 ft.....	20c	2.00
Napellus Album.....	"	Aug.-Sept.....	White.....	2½ ft.....	20c	2.00
Napellus Bicolor.....	"	Aug.-Sept.....	Blue and White..	2½ ft.....	20c	2.00
Wilsoni.....	"	Sept.-Oct.....	Pale Blue or Violet..	.6 ft.....	25c	2.50

##### ACTAEA

Erect growing plants, with palmately divided foliage; good for under trees or shady places, where they thrive best. The roots are poisonous.

Japonica.....	Baneberry.....	Sept.-Oct.....	White.....	2½ ft.....	20c	2.00
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##### ADONIS

The Wilsoni variety is a novelty recently introduced from China. The graceful flower spikes attain a height of about 6 feet, and produce many fine pale blue or violet flowers. It blooms from the beginning of September until the end of October.

Amurensis fl. pl.....	April-May.....	Dble Yellow.....	1 ft.....	75c	7.50	
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##### ALYSSUM

A native plant, with long, feathery racemes; require a shady place. The flowers are followed by clusters of black berries.

Argenteum.....	June.....	Golden Yellow.....	1½ ft.....	15c	1.50	
Saxatile Compactum Gold Dust.....	May-June.....	Golden Yellow.....	1 ft.....	15c	1.50	
Saxatile fl. pl. Double.....	May-June.....	Golden Yellow.....	1 ft.....	20c	2.00	

##### ANCHUSA

Very beautiful, rare, spring flowering Perennial for shady situation, flowers double yellow, with green center.

Augustifolia.....	Cape Forget-Me-Not..	May-June.....	Dark Blue.....	2 ft.....	15c	1.50
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##### ITALICA DROPMORE VA-

Showy spring flowering plants. Valuable for front row in border or rock garden. The double variety is a special favorite.

riety (new).....	May-June.....	Blue.....	5-6 ft.....	25c	2.50	
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##### ANEMONE

Forget-Me-Not like, blue flowers, borne in great profusion. Dropmore variety is new and one of the best blue Perennials coming into bloom before the Delphiniums.

Japanese Varieties:	Wind Flowers					
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##### Alice.....

The Japanese Anemones are valuable for cut flowers in the fall, when other flowers are scarce. They like a good rich soil, and although they grow and thrive in sunny situation, they do best when planted in partial shade. Sylvestris and Sylvestris fl. pl. are fine for naturalizing under trees. A. Jap. Alice is a new variety with very beautiful, double, rose-pink flowers, and should be in all collections. Whirlwind is a strong grower and free bloomer, with large double white flowers.

Honorine Jobert.....	Aug.-Nov.....	Snow White.....	2-3 ft.....	15c	1.50	
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##### Kriemhilde.....

Prince Henry is a dark red, semi-double variety.

Prince Henry.....	Aug.-Nov.....	Dark Red.....	2-3 ft.....	20c	2.00	
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##### Queen Charlotte.....

Rosea Superba.....	Aug.-Nov.....	Double Pink.....	2-3 ft.....	15c	1.50	
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##### Whirlwind.....

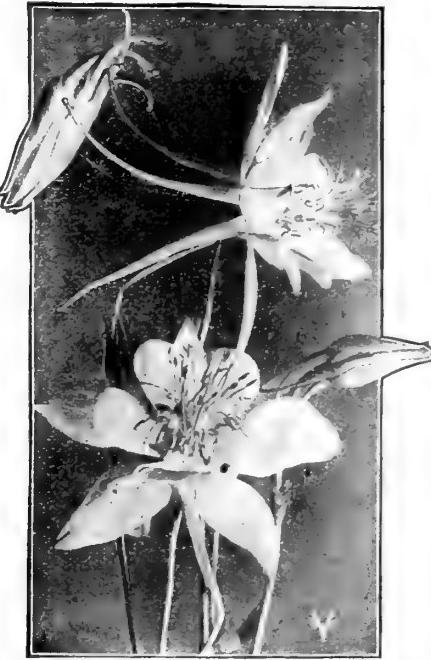
Whirlwind.....	Aug.-Nov.....	Double White.....	2-3 ft.....	15c	1.50	
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##### Sylvestris fl. pl. ....

Snowdrop Windflower ..	May-June.....	Double White.....	6-8 in.....	20c	2.00	
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##### Sylvestris.....

Snowdrop Windflower ..	May-June.....	Single White.....	6-8 in.....	15c	1.50	
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AQUILEGIA or COLUMBINE



## HARDY ASTER

Botanical Name.	Common Name.	Flowering Period.	Color	Height Each.	Per doz.
<b>ANTHERICUM</b>					
<b>Liliastrum Major</b>		May-June	White	2 ft.	10c \$1.00

**AQUILEGIA** Columbine

<i>Canadensis</i> .....	June-Aug.	Red and Yellow	2 ft.	15c
<i>Chrysanth</i> .....	June-Aug.	Golden Yellow	3 ft.	15c
<i>Chrysanth Alba</i> .....	Spurred	Pure White	2 ft.	15c
<i>Coerulea</i> .....	Spurred	True Blue	1 ft.	15c
<i>Coerulea Hybrida</i> .....	Spurred	Mixed	1 ft.	15c
<i>Nivea Grandiflora</i> .....	June-Aug.	White	2 ft.	15c
<i>Vulgaris Alba fl. pl.</i> .....	June-Aug.	Double White	2 ft.	15c
<i>Vernaenana</i> .....	June-Aug.	Double Violet	2½ ft.	15c
<i>Rose Queen</i> .....	Spurred	Light Rose and Yellow Anthers	1 to 1½ ft.	25c

**ARABIS**

<i>Alpina</i> .....	Rock Cress	April-May	White	6 in.	10c
<i>Alpina, fl. pl.</i> .....		April-May	White	6 in.	15c
<i>Grandiflora Superba</i> .....		April-May	White	6 in.	15c

**ARMERIA**

<i>Formosa</i> .....	Thrift				
<i>Maritima</i> .....		June	Pink	9 in.	15c
		June	Rosy Pink	14 in.	15c

**ARTEMISIA**

<i>Abrotanum</i> .....	Southern Wood				
or Old Man		June		2-3 ft.	15c
<i>Lactiflora</i> .....		Sept.-Oct.	White	4-4½ ft.	35c

**ASCLEPIAS**

<i>Tuberosa</i> .....	Milk-Weed	June-Aug.	Bright Orange	2 ft.	15c
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**ASPERULA**

<i>Odorata</i> .....	Sweet Woodruff	May	White	6 in.	25c
	Michaelmas Daisy or Starworts				

**ASTERS Hardy**

<i>Acris</i> .....		Aug.-Oct.	Soft Blue	1½ ft.	15c
<i>Alpinus Himalaicus</i> .....		June	Pale Violet	4 in.	20c
<i>Alpinus Superbus</i> .....		May-Aug.	Blue	7 in.	15c

**Amellus Perry's Favorite**

		Aug.-Sept.	Red	2 ft.	20c
<i>Amellus Preziosa</i> .....	New	August	Deep Blue	2 ft.	20c

**Amellus Roseus**

		Aug.-Sept.	Dark Rose	2 ft.	20c
<i>Beauty of Colwall</i> .....	New	Sept.-October	Double Lavender	4 ft.	50c

**Cordifolius**

		September	Blue	4 ft.	15c
<i>Grandiflorus</i> .....	New	July-Aug.	Large Dark Blue	1½ ft.	25c

**Ibericus Ultramarine**

		Aug.-Sept.	Very Dark Blue	2 ft.	25c
<i>Laevia Pulcherrimus</i> .....		Sept.-Oct.	Pale Lilac	5 ft.	25c

**Mesa Grande Speciosa**

<i>Grdfl</i> .....	New	July-Aug.	Dark Blue	2 ft.	25c
<i>Nancy</i> .....		Sept.-Oct.	White	30 in.	15c

**Nova Belgiae Glory de**

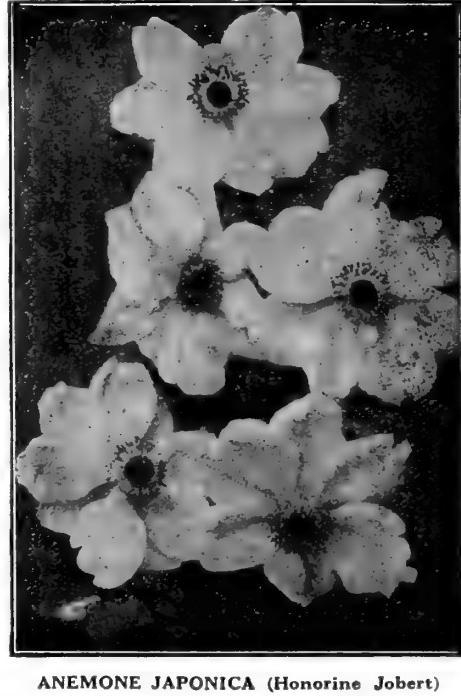
<i>Nancy</i> .....		Sept.-Oct.	Rosy Carmine	4 ft.	20c
<i>Ryecroft Pink</i> .....		August	Pure Pink	3 ft.	30c

**St. Egwin**

		June-July	Bluish Violet	1 ft.	25c
<i>Sub-Coeruleus</i> .....		July-Nov.	S ft Blue	18 in.	35c

**Thompsoni Nana**

		Sept.-Oct.	Large White	3 ft.	15c
<i>White Dwarf Queen</i> .....					



ANEMONE JAPONICA (Honoree Jobert)

## Use, Soil, Position, Etc.

Graceful Lily-like plant, will succeed well in shade, rich, sandy soil and moisture. Should be planted in masses to give a good effect.

Columbines are one of the old favorite, hardy plants and will succeed well in sun or shade, preferring a sandy loam. They are fine for cut flowers or naturalizing. Planted amongst hardy ferns they make a pretty border. They are worthy of extensive culture, especially the spurred varieties and Rose Queen, a beautiful new variety.

Beloit, Wis.—"I received the plant and seeds yesterday and I wish to thank you for the careful way in which they were packed. I am certainly well pleased with them, and in the future whatever I need, will order from Vaughan's Seed Store." HERMAN MEUNIER.

Arabis thrive well in a hot, dry situation and make a good covering for walls or rock garden, also front row in hardy border. They come into bloom very early and can be planted in beds filled with Hyacinths and Tulips in Fall.

Armerias require a good drained loam. A good plant for front of border, graves or rockery. Dwarf compact, evergreen foliage. Excellent for cutting.

Shrub-like plant with finely cut aromatic leaves, useful for mixing with cut flowers. Will thrive in poor soil.

Requires good, deep soil and full sun. Fine for cutting; should be in every collection on account of its splendid color.

Waldmeister is used for May wine. Creeping plant with hay-scented leaves; suitable for planting in shade, shrubbery or woodland.

**A Plea for Hardy Plants by Elliott.** A book fully illustrated that should be in the hands of all lovers of hardy plants. Price, \$1.60.

Will grow in any ordinary garden soil. The kinds we offer are distinct and good. They are useful for effect in borders, shrubberies, and hiding back walls and fences. Nor must they be forgotten as a cut-flower coming into bloom late, when most flowers are scarce, and lasting a long time in water. It is possible to make a permanent bed by good arrangement of height and color.

We call special attention to the following varieties: Amellus Preziosa, Beauty of Colwall, the first good double blue, Ibericus Ultramarine, Ryecroft Pink and Thompsoni Nana.

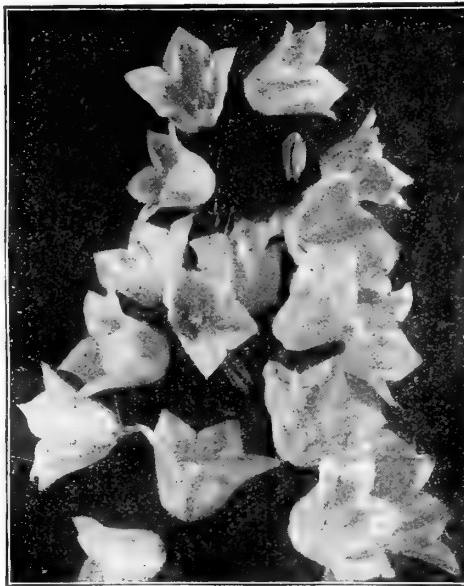
Lake Haronis, Paynesville, Minn.—"We received the plants all safely and I want to say, you did splendidly for us. They came in splendid condition, to the right station and on the very day we wanted them, for which many thanks."

L. BRIGGS.

It must be borne in mind when planting Perennials, that they are to remain in the same place for a number of years; if the soil is not fertilized occasionally it soon becomes impoverished. Vaughan's Bone Meal is one of the best fertilizers for Perennial borders, apply at the rate of one pound to 25 square feet.



BAPTISIA



CAMPANULA PERSICIFOLIA ALBA



BOLTONIA

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Doz.
<b>BAPTISIA</b>						

<i>Australis</i> .....	False Indigo.....	June-July.....	Dark Blue.....	2½ ft.....	15c	\$1.50
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<b>BLEEDING HEART</b>	See Dielytra.....	May-June.....	Pink.....	2½ ft.....	15c	1.50
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<b>BOCCONIA</b>						
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<i>Cordata</i> .....	Plume Poppy.....	July-Aug.....	Creamy White.....	7 ft.....	15c	1.50
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<b>BOLTONIA</b>	1000 to 1 Aster					
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<i>Asteroides</i> .....		July-Oct.....	White.....	4 ft.....	15c	1.50
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<i>Latisquama</i> .....	False Camomile.....	July-Oct.....	Pink.....	3 ft.....	15c	1.50
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<b>CAMPANULA</b>	Bell Flower					
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<i>Carpatica</i> .....	Harebell.....	June-Aug.....	Blue.....	1 ft.....	15c	1.50
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<i>Carpatica Alba</i> .....		June-Aug.....	White.....	1 ft.....	15c	1.50
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<i>Calycanthema</i> .....	Cup and Saucer.....	June-Aug.....	Mixed.....	2 ft.....	15c	1.50
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<i>Double Blue</i> .....		June-Aug.....	Blue.....	2 ft.....	15c	1.50
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<i>Double Pink</i> .....		June-Aug.....	Pink.....	2 ft.....	15c	1.50
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<i>Double White</i> .....		June-Aug.....	White.....	2 ft.....	15c	1.50
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<i>Medium</i> .....	Canterbury Bells.....	June-Aug.....	Mixed.....	2 ft.....	15c	1.50
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<i>Single Blue</i> .....		June-Aug.....	Blue.....	2 ft.....	15c	1.50
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<i>Single Pink</i> .....		June-Aug.....	Pink.....	2 ft.....	15c	1.50
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<i>Single White</i> .....		June-Aug.....	White.....	2 ft.....	15c	1.50
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<i>Glomerata Acaulis</i> .....	Clustered Bellflower	June-Aug.....	Dark Blue.....	12 in.....	15c	1.50
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<i>Lactiflora</i> .....		June-Aug.....	White Tinted Blue	3 ft.....	15c	1.50
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<i>Persicifolia Alba</i> .....	Peach Bells.....	June-Aug.....	Pure White.....	2 ft.....	15c	1.50
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<i>Persicifolia Coerulea</i> .....		September.....	Blue.....	4 ft.....	15c	1.50
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<i>Persicifolia Moerheimi</i> .....		May-Sept.....	Double White.....	2 ft.....	25c	2.50
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<i>Pyramidalis</i> .....	Chimney.....	September.....	Blue.....	4 ft.....	25c	2.50
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<i>Pyramidalis Alba</i> .....	Bellflower.....	September.....	Pure White.....	4 ft.....	25c	2.50
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<b>CATANANCHE</b>						
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<i>Coerulea</i> .....	Cupid's Dart.....	July-Aug.....	Blue.....	2 ft.....	15c	1.50
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<i>Alba</i> .....		July-Aug.....	White.....	2 ft.....	15c	1.50
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<b>CENTAUREA</b>	Hardheads or					
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<i>Montana Mixed</i> .....	Knap Weed.....	July-Sept.....	Blue and White.....	18 in.....	15c	1.50
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<i>Ruthenica</i> .....		July-Sept.....	Pale Yellow.....	3 ft.....	15c	1.50
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<b>CENTRANTHUS</b>						
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<i>Ruber</i> .....	Jupiter's Beard or Red Valerian.....	May-Aug.....	Deep Red.....	2-3 ft.....	15c	1.50
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<b>CERASTIUM</b>						
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<i>Tomentosum</i> .....	Snow in Summer.....	May.....	White.....	8 in.....	15c	1.50
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<b>CHELONE</b>	Shell Flower					
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<i>Hybrida</i> .....		June.....	Mixed.....	4 ft.....	15c	1.50
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**Regarding Prices** Where price per "each" is 15c, we furnish 3 of any one kind..... for 40c

Where price per "each" is 20c, we furnish 3 of any one kind..... for 50c

Where price per "each" is 25c, we furnish 3 of any one kind..... for 65c

#### Use, Soil, Position, Etc.

**BAPTISIA** Strong growing plant; suitable for specimen in border, or forming a hedge; dark green foliage deeply cut, requires full sun and deep loam.

**BLEEDING HEART** A beautiful tall growing, hardy perennial, fine for back of borders; planting amongst shrubbery, or for center of large perennial beds. Will thrive in any ordinary garden soil.

**BOCCONIA** These Aster-like hardy plants are useful for cutting, especially the *Latisquama* type, remaining in bloom a long time, require good rich soil and an open situation in border or shrubbery.

We invite inspection of our stocks of Hardy Perennials, especially Iris, Peonies and Phloxes. Our Greenhouses and Nurseries are situated at Western Springs (15 miles from Chicago) on the C. B. & Q. Railroad.

**CAMPANULA** This genus of hardy garden flowers comprises varieties of both tall and dwarf growth; the former are valuable as cut flowers, and for pot culture, especially the Canterbury Bells; the dwarf kinds can be used with advantage in the front row of border, rockery, window boxes. They are of easy culture and thrive in any good garden soil. *Moerheimi* is a splendid variety and worthy of a place in any garden.

**CATANANCHE** Long Prairie, Minn.—"Have been buying seeds and plants for more than thirty years, and have never had as satisfactory results anywhere as with you, and have dealt with nearly all dealers in Eastern U. S."

J. D. JONES.

**CENTAUREA** Kalispell, Mont., Kalispell Gardens.—"Goods have all arrived by express in very satisfactory condition; am well pleased with everything you have sent me."

A. R. SALMON, Mgr.

**CENTRANTHUS** Have you tried our Hardy Pompon Chrysanthemums in your garden? They are easy to grow, make fine cut flowers and decorate the garden when almost all other plants have finished flowering.

**CERASTIUM** This pretty useful plant thrives in any good garden soil and is valuable as a cut flower; or for planting in the perennial border.

**CHELONE** Good border plants bearing thistle-shaped flowers of value for cut flowers, which last a long time in water; will grow in any soil. *Macrocephala* succeeds well in shrubbery.

**CENTRANTHUS** Good for border and the rock garden; will thrive anywhere even in a very dry situation.

**CERASTIUM** Silvery foliage, fine for graves, steep banks and dry places; also formal gardens.

**CHELONE** Erect, stiff-growing, stately perennial, for borders or shrubbery; any good, deep soil that is rich suits it.

All orders are forwarded upon receipt, unless otherwise instructed to the contrary. Customers will kindly state at the time of ordering when goods are to be shipped



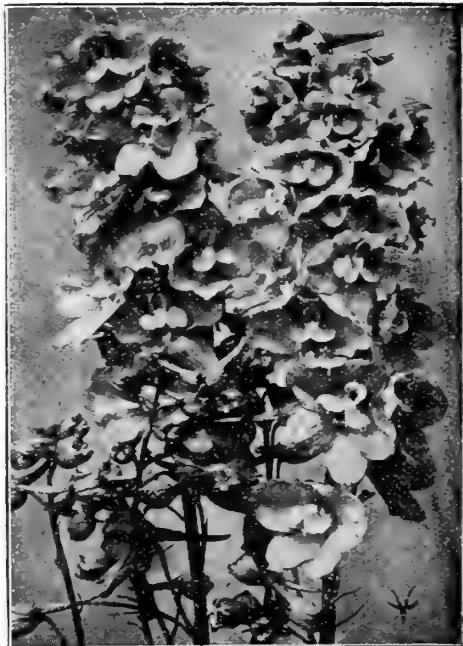
Type of Flower of Chrysanthemum  
Maximum and Shasty Daisy



### Hardy Pompon Chrysanthemum

These universal and popular varieties are becoming better known and more cultivated each year and should find a place in every garden. The varieties we offer are good standard sorts and will stand the winter if planted in a good, rich, well-drained soil, giving a slight covering of leaves or light litter in the fall.

As cut flowers they cannot be surpassed, coming at a season when all flowers are scarce (September and October into November) and lasting until severe weather sets in.



DELPHINIUM (Larkspur)

Any of the following, each 15c; any 3 for 35c. The Set of 6 varieties (1 each) 50c.

### CHRYSANTHEMUM, HARDY POMPON

**Charlotte** Deep Rich Bronze.  
**Chivere** Light Pink

**La Purity** Pure Snow-White.  
**Panama** Bright Red.

**Unida** Clear Yellow.  
**Zoda** Delicate Rosy Pink.

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Per doz.

### CHRYSANTHEMUM MAXIMUM VARIETIES

<b>Maximum Type</b> .....	June-July.....	White .....	2 ft.	. 15c	\$1.50
<b>Larsoni</b> (New).....	June-Sept.....	White.....	2 ft.....	.35c	3.50
<b>Mrs. J. Tersteeg</b> (New).....	July-Aug.....	White.....	3-4 ft.....	.50c	5.00
<b>North Star</b> .....	June-July.....	White.....	2½ ft.....	.15c	1.50

### Use, Soil, Position, Etc.

Fine hardy border plants, of which we are pleased to offer and exceptionally fine assortment. They are invaluable for cutting and massing and are of the easiest culture, thriving in almost any situation.

### CIMICIFUGA

<b>Americana</b> .....	Snake Root.....	Aug.-Sept.....	White.....	2-3 ft....	.20c	2.00
<b>Simplex</b> .....		Sept.-Oct.....	White.....	2-3 ft....	.25c	2.50
<b>Dahurica</b> .....	New.....	July-Sept.....	Creamy White.....	3 ft....	.35c	

Fine plants for border, blooming late and throwing stiff flowering stems which last a long while when cut; semi-shade and a good deep soil is best.

### CLEMATIS

<b>Recta</b> .....	Shrubby	Clematis.....	June-July.....	Pure White.....	2½ ft....	.25c
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Good for covering large rocks or tree stumps. Will thrive in any good place with deep soil. Sweet-scented and can be used as a cut flower.

### COREOPSIS

<b>Lanceolata</b> .....	Tickseed.....	May-Oct.....	Yellow.....	2 ft....	.15c	1.50
<b>Rosea</b> .....		June-Sept.....	Pink.....	1 ft....	.15c	1.50

Should be grown far and wide. Lanceolata is a splendid cut flower thriving in any good garden soil and blooming the summer through. Fine for borders, shrubbery or wild garden.

### DELPHINIUM

<b>Belladonna</b> .....	Hardy Larkspur	May-Sept.....	Sky Blue.....	2 ft....	.25c	2.50
<b>Chinense</b> .....		June-Aug.....	Light Blue.....	3 ft....	.15c	1.50
<b>Chinense Album</b> .....		June-Aug.....	White.....	3 ft....	.15c	1.50

The Hardy Larkspurs are amongst the most popular of all hardy perennial plants, and are very easy to grow, merely requiring a deeply dug soil in full sun, with plenty of well rotted manure worked in at the time of digging. Plant 2 to 2½ feet apart and where the soil is poor and of a sandy nature, mulch with rotten manure. Water freely during the hot dry spells. Coal ashes put over the crowns will protect them from slugs during winter and spring.

<b>Formosum</b> .....		July-Sept.....	White Eye.....	4 ft....	.15c	1.50
<b>Formosum Coelestinum</b> Pillar of Beauty.....		July-Sept.....	Sky Blue.....	3-4 ft....	.15c	1.50

If they are cut down after flowering and well watered, they will soon make new growth and bloom again in August and September. They are very effective when planted in bold groups in beds, border, shrubbery or along carriage drive; last but not least, they make fine cut flowers lasting well in water.

<b>Frances F. Fox</b> .....	New.....	July-Sept.....	Dark Blue.....	.5 ft....	.50c	6.00
<b>Kelway's Hybrids</b> .....		July-Aug.....	Mixed.....	3 ft....	.15c	1.50

**A Woman's Hardy Garden by Ely.** A book that should be in the hands of every lover of perennial flowers, fully illustrated with 205 pages of valuable information to the amateur. Price \$1.75.

<b>King of Delphiniums</b> .....	New.....	July-Aug.....	White Eye.....	4 ft....	.35c	3.50
<b>Lize Van Veen</b> .....	New.....	July-Aug.....	Sky-Blue.....	4 ft....	.50c	5.50

We offer this season unusual collections of Hardy Phlox including the best of the newer European varieties. Our stock is well grown and sure to give satisfaction.

<b>Mrs. Thompson</b> .....	New.....	July-Aug.....	Clear Blue.....			
<b>Persimmon</b> .....	New.....	July-Aug.....	White Eye.....	3 ft....	.25c	2.75

**Indispensable for edging beds, borders or graves; will grow in any soil, but prefer a partially shaded situation. By cutting off the faded flowers, the flowering season is prolonged and fresh flowers may be had all the summer.**

<b>Sinense Cineraria</b> .....	Spurless	July-Aug.....	Sky-Blue.....			
<b>Coeruleum</b> .....	Larkspur.....	June-Aug.....	White Eye.....	4 ft....	.50c	5.50

**Burbank's new semi-double is everblooming, with semi-double flowers, flowering throughout the whole season. Exceptionally fine for cutting.**

### DAISY (English)

<b>Mammoth Pink</b> .....	All Summer.....	Pink.....	6 in....	.10c	.75
<b>Mammoth White</b> .....	All Summer.....	White.....	6 in....	.10c	.75

**Indispensable for edging beds, borders or graves; will grow in any soil, but prefer a partially shaded situation. By cutting off the faded flowers, the flowering season is prolonged and fresh flowers may be had all the summer.**

### DAISY (Shasta)

<b>Burbank's New Semi-Double</b> .....	White.....	2 ft....	.50c	5.00	
<b>Shasta Improved</b> .....	May-Oct.....	White.....	2 ft....	.15c	1.50

**Burbank's new semi-double is everblooming, with semi-double flowers, flowering throughout the whole season. Exceptionally fine for cutting.**

**IMPORTANT. We usually ship plant orders upon receipt. We will reserve plants for future shipment, but instructions to that effect MUST ACCOMPANY THE ORDER. This applies especially to plants ordered in winter.**



DIGITALIS (Foxglove)



BLEEDING HEART (Diylytra)

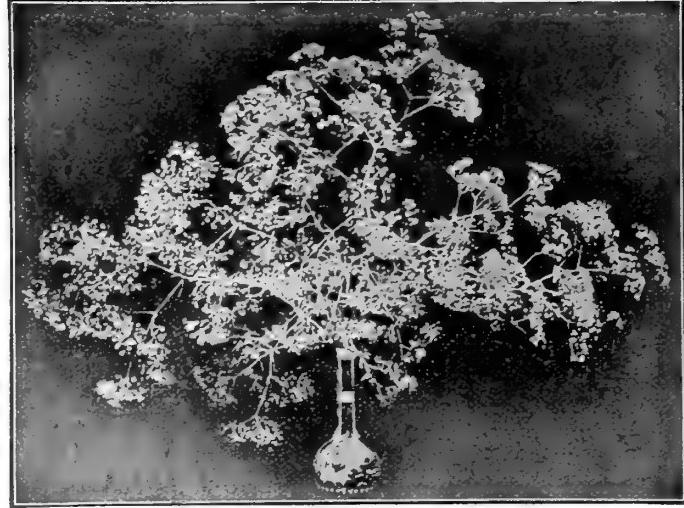


OLD-FASHIONED HARDY GRASS OR CLOVE PINK

Botanical Name	Common Name.	Flowering Period.	Color.	Height.	Each.	Per doz.	Use, Soil, Position, Etc.
<b>DIANTHUS</b>	Hardy Garden Pink.						
Abbotsford.....		May-June.....	Double Pink.....	12 in.....	.20c	\$2.00	
Diamond.....		May-June.....	Pure White.....	12 in.....	.15c	1.50	
Gloriosa (new).....		May-June.....	Bright Lilac Rose.	12 in.....	.25c	2.50	
Her Majesty.....		May-June.....	Pure White.....	12 in.....	.15c	1.50	
Latifolius Atro-Coccineus plenus.....		May-June.....	Fiery Crimson.....	15 in.....	.15c	1.50	
Perfection.....		May-June.....	White, Crimson Center.....	12 in.....	.20c	2.00	
Plumarius Cyclops.....		May-June.....	Mixed.....	15 in.....	.15c	1.50	
Plumarius Double.....		May-June.....	Mixed.....	12 in.....	.15c	1.50	
Queen Louise.....		May-June.....	White, Red Center	12 in.....	.15c	1.50	
Semperflorens.....		May-June.....	Mixed, Double and Semi-Double.....	12 in.....	.15c	1.50	
<b>DIELYTRA</b>							
Spectabilis.....	Bleeding Heart.....	May-June.....	Pink and White Heart Shaped.....	2 ft.....	.15c	1.50	So-called from its drooping heart-shaped flowers; will thrive in any part of the hardy border; good for forcing in pots and planting in shady places; likes rich, sandy loam.
<b>DIGITALIS</b>	Foxglove.						
Ambigua.....		July-Aug.....	Yellow.....	3 ft.....	.15c	1.50	This old-fashioned summer flowering plant, commonly known as Foxglove, needs very little description, thriving in almost any soil under all conditions; makes a fine plant for the back of borders or grouping in beds; prefers a light, sandy loam.
Cloxiniaeflora.....		July-Aug.....	Pink, Purple and White—separate colors.....	4 to 5 ft.....	.15c	1.50	
<b>DIRCTAMNUS</b>							
Caucasicus.....	Gas Plant.....	June-July.....	Rosy Pink.....	2½ ft.....	.25c	2.50	An odd plant of vigorous growth, emitting a strong lemon odor. The flowers will give a flash of light on a sultry summer evening if a lighted match is held near them.
Fraxinella.....		June-July.....	Pink.....	3 ft.....	.15c	1.50	
Fraxinella Alba.....		June-July.....	Pure White.....	2½ ft.....	.15c	1.50	
<b>DORONICUM</b>							
Caucasicum.....	Leopard's Bane.....	April-May.....	Bright Yellow.....	15 in.....	.20c	2.20	Blossoming very early in the season with stiff stems that render them suitable for cutting. Useful for naturalizing in woodlands. Damp, strong soil suits them best.
Excelsum.....		April-May.....	Yellow.....	18 in.....	.20c	2.20	
<b>ECHINOPS</b>							
Ritro.....	Globe Thistle.....	July-August....	Blue.....	3 to 4 ft.....	.20c	2.00	A stately plant for border or shrubbery with globular heads, which can be dried and put amongst grasses for a long time. Sandy loam or any good garden soil.
Sphaerocephalus.....		July-August....	Pale Blue.....	5 ft.....	.20c	2.00	
<b>ECHINACEA</b>							
Purpurea.....	Giant Purple Cone Flower.....	June-July.....	Reddish Purple.....	3 ft.....	.15c	1.50	A fine, strong-growing perennial with a distinct color for shrubbery and back of border. Requires deep, rich soil to obtain large flowers.
<b>ERIANTHUS</b>	See Grasses.						
<b>ERIGERON</b>							
Speciosus Grandiflorus Flea Bane.....		June-Sept.....	Purple Lilac.....	3 ft.....	.15c	1.50	One of the most useful plants on account of its very free flowering habit. Fine for groups in the border. Any good garden soil and plenty of sun is best.
<b>EPIMEDIUM</b>							
Coccineum.....		May.....	Dark Crimson.....	10-12 in.....	.25c	2.50	Elegant dwarf plant with pretty ornamental foliage, especially suited to half-shaded position. For front of borders and permanent edgings; thriving in any soil.
<b>ERYNGIUM</b>							
Giganteum.....	Sea Holly.....	July-Sept.....	White.....	3 ft.....	.20c	2.00	These are exceedingly pretty both in flower and foliage, and deserve to be better known. The flower heads are invaluable for cutting from June to September, and much used for winter decoration.
Oliverianum.....		July-Sept.....	Steel Blue.....	3 ft.....	.20c	2.00	
Planum.....		July-Sept.....	Pale Blue.....	3 ft.....	.15c	1.50	
<b>EUPATORIUM</b>	Thorough Wort.						
Ageratoides.....		Sept.-Oct.....	White.....	3 ft.....	.15c	1.50	Strong growing border plants suitable for cutting; they bear minute white flowers in dense heads, ordinary garden soil suits them.
Coelestinum.....		Sept.-Oct.....	Light Blue.....	2 ft.....	.15c	1.50	
Frazeri.....		Sept.-Oct.....	White.....	1½ ft.....	.15c	1.50	
Purpureum.....	Joe Pye Weed.....	Aug.-Oct.....	Purple.....	3-4 ft.....	.15c	1.50	
<b>EUPHORBIA</b>							
Corollata.....	Flowering Spurge.....	June-Aug.....	White,.....	1½ ft.....	.15c	1.50	A native plant grown for its minute white flowers, which have a distinct green eye. Good for cutting; grows in any soil with open position.
<b>EULALIA</b>	See Grasses						



FUNKIA



GYPSOPHILA PANICULATA FL. PI



GAILLARDIA



Hardy Wood Fern

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Per doz.
<b>FUNKIA</b>	Day Lily.					
<i>Fortunei</i>		August	White and Lilac	25c	2.50	
<i>Lancifolia</i>		August	Dark Blue	1 ft.	15c	1.50
<i>Cucullata Medio Picta</i>		August	Purple	1 ft.	25c	2.50
<i>Subcordata Grandiflora Alba</i>		Aug.-Sept.	Pure White	1½ ft.	25c	2.50
<i>Thomas Hogg</i>		Aug.-Sept.	Rosy Purple		50c	5.50
<i>Variegata Undulata Medio</i>		May-June	Purple, Var. Foliage	1 ft.	15c	
<b>GAILLARDIA Grandiflora</b>	Blanket Flower.	June-Oct.	Orange Red, Brown and Crimson	1½ ft.	15c	
<b>GILLENA</b>			White, Tinged			
<i>Trifoliata</i>	Bowman's Root	July-Aug.	Pink	3 ft.	25c	
<b>GENTIANA</b>						
<i>Clusii</i>	Gentian.	Closed Gentian	Deep Blue	12 in.	15c	
<b>GERANIUM</b>						
<i>Grandiflorum</i>	Crane's Bill.	May-July	Violet-Blue	15 in.	25c	
<i>Sanguineum</i>		May-July	Crimson	12 in.	20c	
<b>GEUM</b>	Avens.		Brilliant Scarlet, Double, Orange, Bright Orange, Yellow, Variegated	18 in.	15c	
<i>Atrossanguineum fl. pl.</i>		May-Sept.	18 in.	20c		
<i>Heldreichi</i>		May-Sept.	18 in.	15c		
<i>Splendens</i>		May-Sept.	Bright Orange, Yellow, Variegated	18 in.	15c	
<b>GLECHOMA or Nepeta</b>	Variegated Ground Ivy		Foliage	3 in.	15c	
<b>GRASSES</b>	Hardy Ornamental.		For Foliage only.			
<i>Erianthus Ravennae</i>	Hardy Pampas.		Narrow Green	10 ft.	25c	
<i>Eulalia Gracillima Univittata</i>			Silver White	Midrib	3-4 ft.	15c
<i>Eulalia Gracillima Japonica Variegata</i>	Japan Rush.		Green and White, often Pink and Yellow	4 ft.	20c	
<i>Eulalia Japonica Zebra</i>	Zebra Grass.		Broad Yellow Bands	5 ft.	25c	
<i>Festuca Glauca</i>	Blue Fescue Grass.		Blue Foliage	1 ft.	15c	
<i>Phalaris Arundinacea</i>	Gardeners' Garters or Variegata		Variegated	18 in.	10c	
<b>GYPSOPHILA</b>						
<i>Paniculata fl. pl.</i>	Baby's Breath	July-Aug.	Double White	3 ft.	25c	
<i>Paniculata</i>		July-Aug.	White	3 ft.	15c	
<i>Repens Monstrosa</i>		July	White	1½ ft.	20c	

A place for Hardy Ferns can be found in nearly every garden. They are especially suited to partial and dense shade and will flourish where grass will not grow. For naturalizing a woodlawn they are fine subjects associated with Foxgloves, Funkias and Aquilegias. They make a grand effect for shady spots in any garden. Their culture is easy. If possible, add leaf mould or well decayed peat, loam and a fair proportion of sand and good drainage, and plenty of water during dry periods.

**Aspidium Cristatum** This species grows from 1 to 2 feet, in wet, swampy places, with fronds about 3 inches wide.

**Aspidium Marginale** Fronds 1 to 2 feet in length, 3 to 5 inches wide.

**Aspidium spinulosum** (Wood Fern) A very pretty evergreen species about 15 inches high, with finely bisected fronds.

**Onclea sensibilis** (Sensitive Fern) 1 to 2 feet. Wet places, open or shade.

**Osmunda Claytoniana** (Beech Fern) A good Fern for the shady corner, 7 to 12 inches wide, broader than long.

Any of the Above Hardy Ferns Each 20c. 3 for 50c. The collection of 10 for \$1.50.

#### Use, Soil, Position, Etc.

Very attractive plants with broad overlapping leaves of various markings; very ornamental, surmounted by dainty lily-like flowers in terminal racemes. Effective in front of shrubbery, under trees, or any shady position where they thrive best. We list nothing but the best varieties; they will grow in any good, rich soil.

Rock Island, Illinois—"The Perennials I received from you came in fine condition." E. P. ZIMMERMAN.

Gaillardias are fine for bedding and borders, invaluable as a cut-flower, remaining in bloom the entire summer. One of the most satisfactory plants for any soil and position, and we recommend extensive cultivation, as they are grown with little trouble.

Indian Physic—a strong growing bush-like plant with handsome foliage; useful for planting amongst shrubbery.

Plant in a permanent position where plants will not be disturbed; moist soil and good drainage; fine for rockwork or borders.

Good early summer flowering plants for front of borders, or the rock garden; will thrive in any ordinary garden soil.

Useful plants for well-drained ground and rock gardens; good border plants, showy on account of their bright colors.

A useful plant for hanging baskets, growing over rocks and window boxes; foliage white and green; grows in any good soil.

Ornamental Grasses can be used for a number of purposes, such as skirting the edges of lakes, ponds or borders, also on the perennial borders or lawn as specimens. In most cases they like a heavy soil enriched with rotten manure and plenty of water. *Festuca Glauca* is a low-growing tufted variety for border; blue foliage.

"No doubt there are many lovely flowers to be had by heat and coaxing, but then for each of these there are fifty others still lovelier that will gratefully grow in God's wholesome air and are blessed in return with a far greater intensity of scent and color."—Elizabeth and her German Garden.

Dry soil with lime suits this plant best. Tiny flowers borne on slender stems; very useful for cutting; will thrive during the driest period; especially good for putting amongst cut-flowers such as Sweet Peas, Roses, etc.



HELIANTHUS



HEMEROCALLIS



HOLLYHOCK

**Botanical Name.** Common Name. Flowering Period. Color.

**HELENIUM**

Sneezewort.

**Autumnale Superbum**

Sept.-Oct. Deep Yellow..... 6 ft. .15c

1.50

**Autumnale Rubrum**

Sept.-Oct. Red..... 6 ft. .15c

1.50

**Hoopsie**

June-Sept. Bright Orange..... 2 ft. .15c

1.50

**Riverton Gem**

Old Gold and Terra Cotta..... 3 ft. .20c

2.00

**Riverton Gem**

Aug.-Oct. Lemon Yellow..... 3 ft. .20c

2.00

**Riverton Beauty**

Black Cone..... 3 ft. .20c

2.00

**HELIANTHUS** Hardy Sunflower.**Divaricatus**

Aug.-Oct. Yellow..... 2-3 ft. .15c

1.50

**Maximiliana**

Sept.-Oct. Yellow..... 5 ft. .15c

1.50

**Miss Mellish**

Sept.-Oct. Golden Yellow..... 6 ft. .15c

1.50

**Multiflorus Maximus**

Aug.-Oct. Golden Yellow..... 5-6 ft. .15c

1.50

**Multiflorus Plenus**

Dahlia Sunflower..... Aug.-Sept. Double Yellow..... 5 ft. .15c

1.50

**Rigidus Semi-pl.**

Aug.-Sept. Orange Yellow..... 5 ft. .15c

1.50

**Rigidus Ligeri**

July-Sept. Golden Yellow..... 5-7 ft. .15c

1.50

**Sparsifolius**

Aug.-Oct. Deep Yellow..... 6-8 ft. .15c

1.50

**HELIOPSIS** Orange Sunflower.**Pitcherianus**

Aug.-Oct. Yellow..... 2-3 ft. .15c

1.00

**Scabra Major**

June-Aug. Orange Yellow..... 5 ft. .10c

1.00

June-Aug. Orange..... 5 ft. .10c

1.00

**HEMEROCALLIS** Yellow Day Lily.**Aurantiaca**

June-July. Orange Yellow..... 2-3 ft. .25c

2.50

**Aureola**

Orange, Shaded

5.00

**Citrina**

June-July. Crimson..... 2 ft. .50c

5.50

**Dr. Regel**

June-July. Lemon Yellow..... 4 ft. .75c

1.00

**Dumortieri**Rich Apricot..... 2 $\frac{1}{2}$  ft. .50c

1.00

**Flava**

Rich Yellow..... 2 ft. .10c

1.50

**Fulva**

Yellow..... 3 ft. .15c

1.00

**Kwanso fl. pl.**Coppery-Orange..... 3 $\frac{1}{2}$  ft. .10c

1.00

**Sovereign**Double Orange..... 3 $\frac{1}{2}$  ft. .10c

1.00

Soft Chrome

1.00

Yellow..... 2 $\frac{1}{2}$  ft. .25c

2.50

**HEUCHERA****Brizoides Gracillima**

Alum Root..... May-June. Rosy Carmine..... 2 ft. .20c

2.00

**Flambeau** (new)

June. Brilliant Rose..... 2 ft. .35c

3.50

**Pluie de Feu** (new)

June. Scarlet..... 2 ft. .35c

3.50

**Sanguinea**Scarlet..... 1 $\frac{1}{2}$  ft. .15c

1.50

**HIBISCUS** Mallow.**Crimson Eye**

Sept.-Oct. Crimson Center..... 4 ft. .15c

1.25

**Moscheutos**

Sept.-Oct. Soft Pink..... 5 ft. .15c

1.25

**Mallow Marvels**

July-Sept. Mixed Colors..... 6 ft. .35c

3.50

**HOLLYHOCKS**

Hollyhocks are undoubtedly among the most ornamental and handsome color garden flowers, with their tall spikes, dotted all the way up with large double flowers of the most lovely shades of colors. They fit in the smallest garden, and can be used with great effect in all kinds of borders, shrubbery, against the house or along the fence. No matter where they are planted they are always handsome, pleasing and ornamental. The Hollyhock requires a rich, deep soil, well drained and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial.

Each. Doz. 100.

**Double White, Pink, Red or Yellow**20c \$2.00 \$12.00  
15c 1.50 10.00

Each. Doz. 100.

**Allegheny Mixed, semi-double and single**

20c \$2.00 \$12.00

Each. 1 oz.

**Old-Fashioned Single, mixed..... 15c \$1.50**



JAPANESE IRIS



SIBERIAN IRIS (Yale Blue)

**GERMAN IRIS**

**(Fleur-de-Lis or Flag Iris)** German Iris are all sun-lovers, and delight in a well drained situation. They almost outrival the Orchid in delicacy and richness of coloring. They are splendid for beds, border or front of shrubbery; plant in bold groups for best effect. Avoid planting too deep, barely covering the rhizomes (creeping root-stems) being quite sufficient.



GERMAN IRIS

"S" refers to the three standard, or upright curling petals. "F" refers to three falls, or drooping petals. We offer the following choice collection:

- Aurea** "S" and "F" Rich chrome yellow. 2 ft.
- Bridesmaid** "S" White, shaded silvery Lilac. "F" Reticulated at the base and slightly frilled soft lilac.
- Celeste** Fine satiny blue. This is the most beautiful Iris and highly recommended for cut flowers.
- Charles Dickens** "S" Blue. "F" Dark blue, suffused and veined dark purple anthers, white, tipped yellow.
- Clio** "S" Lavender, shaded white. "F" Rich purple, edged white, a striking contrast. Each 25c; doz \$2.50.
- Darius** "S" Lemon yellow. "F" Purple, bleaching on edge and top to pale yellow, large; 30 inches.
- Gracchus** "S" Yellow. "F" Crimson reticulated white. 18 in.
- Hector** "S" Soft clouded yellow. "F" Velvety crimson; showy; 30 in.
- King of Iris** "S" Lemon yellow. "F" Deep brown and yellow. (See novelties page 110). Each 35c; doz. \$3.60.
- Kochi** "S" and "F" Rich claret purple. Height 2 ft. Very handsome. Each 20c; doz. \$2.00.
- Liabaud** Golden yellow and crimson.
- Mad. Chereau** The prettiest and tallest of all. "S" and "F" White; daintily edged with porcelain; blue; 40 in.
- Maori King** "S" Golden yellow. "F" Rich velvet crimson edged yellow; 14 in.
- Mars** "S" Light yellow. "F" Pale yellow, with violet blotched and veins.
- Mrs. H. Darwin** "S" Clear waxy white. "F" White, with violet veins; pretty; 2 ft.
- Pallida Dalmatica** The largest and most beautiful of all the German Iris. Perfectly hardy, strong grower and very free flowering. Exquisite shade of lavender. Valuable as a cut flower. Each 25c; doz. \$2.50.
- Pharaon** Lilac; very fine.
- Penelope** "S" Pure white. "F" white, distinctly veined purple, crested golden yellow.
- Queen of May** "S" Lilac pink. "F" Lilac, blended with white; distinct; 30 in.
- Sambucina** "S" Coppery Rose. "F" Rosy purple with orange crest. 30 in.
- Silver King** Very large white flowers, with silvery sheen.
- Trautlieb** Of purest clear rose, shading to white towards the center of the flower.
- Venus** "S" Lemon yellow shading to golden yellow, towards the base. "F" Deeply veined with purple on a white ground.
- Walneri** "S" Lavender. "F" Purple lilac. 30 in. Very fine. Each 20c; doz. \$2.00.
- Walter Scott** "S" Bronzy yellow. "F" Rich crimson brown. 30 in.
- German Iris Mixed.** Each 10c; doz. \$1.00; per 100 \$6.00.

**PRICE: (Except where noted)** Each 15c, doz. \$1.50, per 100 \$10.00.

**JAPAN IRIS** *Iris Kaempferi* A splendid hardy plant of easy growth, delights in constant cool, moist soil. In its native home it flourishes in swamps succeeding admirably by the side of streams, lakes and ponds. Few people are aware of the beauty of this class of Iris, which commences blooming about middle of June and continues for five or six weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection consists of the very choicest.

**Blue Jay** Fine azure blue, freely mottled.

**Crystal** Double pale violet.

**Dinah** Double reddish pink, flaked white.

**Eclaire** Largest white; improvement on Gold Bound.

**Mt. Hood** Light blue, shaded darker.

**Norane** Single blue, with lighter stripes.

**Norma** Very deep lavender, double.

**Oriole** Deep amaranth, yellow center.

**Paragon** Rich velvety purple; center marked with orange; very distinct.

**Princess Clothilde** Double, light blue.

**Pyramid** Violet-blue, veined white.

**Spotted Beauty** Large size, very double, silky white, freely and finely spotted with violet crimson.

**Topaz** Light rose; single.

**Tortoise** Magenta, dotted and flaked with white.

**Victor** Violet purple, with white veins.

**Any of above, each, 25c; dozen, 2.50. The set of 15 varieties, \$3.00.**

Japan Iris, mixed varieties, each, 20c; doz., \$2.00; per 100, \$15.00. English and Spanish Iris, see fall catalogue.

**SIBERICA ORIENTALIS ("Yale Blue")**

Among the strong, free-growing Iris, adapting themselves to almost any position, and producing a mass of deep blue flowers under the most adverse conditions from June to August.

Each 15c; doz. \$1.50.

**SIBERICA SNOW QUEEN**

**Beautiful New Variety**

Snow-white flowers borne on strong, erect stems. Each 25c; doz. \$2.50.

**SURPRISE COLLECTION GERMAN IRIS**

One each of 12 distinct sorts, our selection, for \$1.10, prepaid.

**SURPRISE COLLECTION JAPAN IRIS**

One each of 6 distinct sorts, our selection, for \$1.00, prepaid.

Dwarf variety of German Iris, growing about 8 inches high, very free blooming, sweet scented. These bloom about two weeks before the German Iris.

**Cyanea** Rich royal purple with black shading.

**Florida** Beautiful lemon yellow shaded darker.

Each 15c; doz. \$1.50.



LATHYRUS (Everlasting Pea)



LOBELIA (Cardinal Flower)



MERTENSIA (Blue Bells)



MONARDA (Oswego Tea)

To obtain best results these hardy perennials or "Old-Fashioned" flowers as they are generally known, should be planted in masses or large clumps. This is particularly true of Gaillardia, Iris, Helenium, Asters, Boltonias, Monarda, Larkspur, etc.

Botanical Name.	Common Name.	Flowering Period.	Color.	Height Each.	Per Doz.	Use, Soil, Position, Etc.
<b>IBERIS</b>						Dwarf evergreen plants covered with blooms in spring and during early summer. Little Gem is especially suited to border and rockwork. Gibraltarica is fine for edging shrubbery or borders and will thrive in any good soil.
<i>Gibraltarica</i>	Hardy Candytuft	April-May	Lilac Mauve	12 in.	15c \$1.50	
<i>Little Gem</i>		April-May	Small White	6 in.	20c 2.00	
<i>Sempervirens</i>		April-May	White	10 in.	15c 1.50	
<b>INULA</b>	Flea Bane					Showy and highly decorative plants. Glandulosa is much prized for cutting, producing flowers two inches across of a peculiar formation. They will thrive in any ordinary garden soil.
<i>Ensifolia</i>		Jay-Aug.	Bright Yellow	12 in.	15c 1.50	
<i>Glandulosa Grandiflora</i>		June-Aug.	Yellow	2½ ft.	20c 2.00	
<b>INCARVILLEA</b>	Hardy Gloxinia					One of the greatest novelties of the century. A lovely new Chinese plant for sunny situations, producing spikes of elegant Gloxinia-like flowers, arranged in clusters with foliage gracefully cut. Plant in deep, rich soil.
<i>Delavayi</i>		May-July	Rose Colored	2 ft.	20c 2.00	
<i>Grandiflora</i>		May-July	Crimson	1 ft.	20c 2.00	
<b>LATHYRUS Latifolius</b>	Hardy Flowering Pea					The everlasting Pea, effective and easily grown, forms a very decorative object when trained over old tree stumps, banks, pyramids, or forming floral screens. They are good cut-flowers, with strong, wiry stems. They require deep, rich soil, their roots extending to a great depth.
<i>Albus</i>	Pea	June-Aug.	White	1-5 ft.	15c 1.50	
<i>Rubra</i>		June-Aug.	Red	5-6 ft.	15c 1.50	
<i>Pink Beauty</i>		June-Aug.	Pink	4-5 ft.	15c 1.50	
<i>White Pearl</i>	New	June-Aug.	Pure White	4-5 ft.	25c 2.50	
<b>LAVENDULA Vera</b>	Lavender	June-Aug.	Blue		15c 1.50	Delightfully fragrant flower, much used when dry on account of its sweet odor. We offer the true variety.
	Blazing Star or					
<b>LIATRIS Pycnostachya</b>	Gay Feather	July-Sept.	Rosy Purple	3 ft.	15c 1.50	Carrying feathery flower spikes; are effective border plants thriving at the margin of streams or in the open border. They commence to flower at the top of spike and so on downward; very effective.
	Spicata	July-Sept.	Deep Purple	5 ft.	15c 1.50	
					3.00	Good for shade and under trees.
<b>LILY OF THE VALLEY Clumps</b>		May-June	White	8 in.	30c 1.50	A desirable plant for the border, with light, graceful foliage and blue flowers produced through the entire summer if cut down after the first blooming.
<b>LINUM</b>	Flax					Deep, rich, moist soil is best. For the margins of ponds or damp border. <i>Cardinalis</i> can also be grown as a pot plant, being very effective on account of its vivid scarlet flowers.
<i>Flavum</i>		June-Sept.	Yellow	1 ft.	15c 1.50	
<i>Perenne</i>		June-Sept.	Sky-Blue	1½ ft.	15c 1.50	
<b>LOBELIA Cardinalis</b>	Cardinal Flower	July-Sept.	Fiery Scarlet	2 ft.	15c 1.50	Perfectly hardy and will grow in city or any position. Requiring plenty of water in dry weather and a good, deep, rich soil. Especially attractive in groups in border or shrubbery.
<b>LUPINUS</b>	Lupine					
<i>Polyphyllus Blue</i>		May-June	Blue	3 ft.	15c 1.50	
<i>Polyphyllus Roseus</i>		May-June	Pink	3 ft.	25c 2.50	
<b>LYCHNIS</b>	Campion					Highly ornamental plants for summer. The taller kinds being valued for cut flowers and border plants; the dwarf varieties make pretty plants for front row of border or rockwork and thrive in any good garden soil in a sunny position.
<i>Chalcedonica</i>		June-Sept.	Orange Scarlet	2-3 ft.	15c 1.50	
<i>Chalcedonica fl. pl.</i>		July-Sept.	Double Scarlet	2 ft.	25c 2.50	
<i>Haageana</i>	Maltese Cross	May-June	Orange Scarlet	1 ft.	15c 1.50	
<i>Siboldii</i>		June-July	White	1 ft.	15c 1.50	
<i>Vespertina Alba fl. pl.</i>		June-Sept.	Double White	1½ ft.	20c 2.00	
<i>Viscaria</i>	Ragged Robin	June-July	Crimson	1 ft.	15c 1.50	
<b>LYSIMACHIA</b>						Effective in clumps or wild garden. Requires a moist situation. <i>Nummularia</i> is fine for banks, vases, beds, stumps or rockeries and can be used in hanging baskets. 3 feet high, producing large spikes of rose-colored flowers, and can be used for margins of lakes and ponds, also borders and shrubbery. Any good soil suits them.
<i>Barystachys</i>	Loose Strife	July-Sept.	White	2 ft.	15c 1.50	
<i>Nummularia</i>	Creeping Jenny	June-Aug.	Yellow	1 in.	10c 1.00	
<b>LYTHRUM</b>	Black Blood					A lovely plant for choice spots in borders, or rock gardens, preferring a southwest aspect; will thrive in any good soil and in the shade.
<i>Roseum Superbum</i>		May-Sept.	Reddish Purple	3 ft.	15c 1.50	
<b>MERTENSIA</b>	Blue Bells or Virginian Cowslip					
<i>Virginica</i>		May-June	Light Blue	18 in.	15c 1.50	
<b>MINT</b>	Old Fashioned				2.00	
<b>MONARDA</b>	Oswego Tea or Bee Balm					
<i>Didyma</i>		June-Sept.	Brilliant Scarlet	2 ft.	15c 1.50	
<i>Didyma Cambridge</i>		June-Sept.	Brilliant Scarlet	2 ft.	20c 2.00	
<i>Scarlet</i>	Bee Balm	June-Sept.	Brilliant Scarlet	2 ft.	15c 1.50	
<i>Hybrids</i>		June-Sept.	Mixed	2 ft.	15c 1.50	
<b>MYOSOTIS Palustris Semperflorens</b>	Forget-me-not	May-Aug.	Blue	6 in.	10c 1.00	Fine for naturalizing in woods and shrubbery, bearing large whorls of flowers and fragrant foliage; good for bees. Sandy loam and sunny position. Fine for masses.
<b>OENOTHERA</b>	Evening Primrose					
<i>Speciosa Rosea</i>		May-Aug.	Rose	18 in.	15c 1.50	
<i>Youngaei</i>		May-Aug.	Golden Yellow	2 ft.	15c 1.50	
<b>OLD MAN</b>	See Artemisia				1.50	The true Forget-me-not—a lovely dwarf plant for damp places, spreading rapidly and carpeting the ground by streams or ditches; any good, moist soil.
						Showy and easily grown in all soils; useful in wild garden and border; makes good plants for front of border.

# PEONIES

Once planted they will last a lifetime

Cultural Directions are sent with every order for Peonies

There is no hardy perennial which equals the Peony in beauty and usefulness. Once planted, the plants and flowers increase in size and beauty with age. They are as hardy as oaks and as handsome (many as fragrant) as roses. When the plants are through blooming they are as handsome and ornamental as most of the hardy shrubs. The plants are practically immune from insects. We would advise our customers to beware of "cheap" Peonies. An inferior variety will take as much care and space as a choice one, and the first cost of a Peony is nothing compared to the disappointment after years of waiting.

**Planting.** An important point to observe is not to plant too deeply. The roots should be placed so that the crowns (or eyes) are covered with two or three inches of soil. Planting too deep is often the cause of shy blooming.

Plant with southwest or west exposure.

Plant as early as possible in the spring as they sprout very quickly. We cannot take orders for roots after May 10th on that account.

**Small—divided roots, 3-5 eyes.**

**Medium—1 and 2 years from division.**

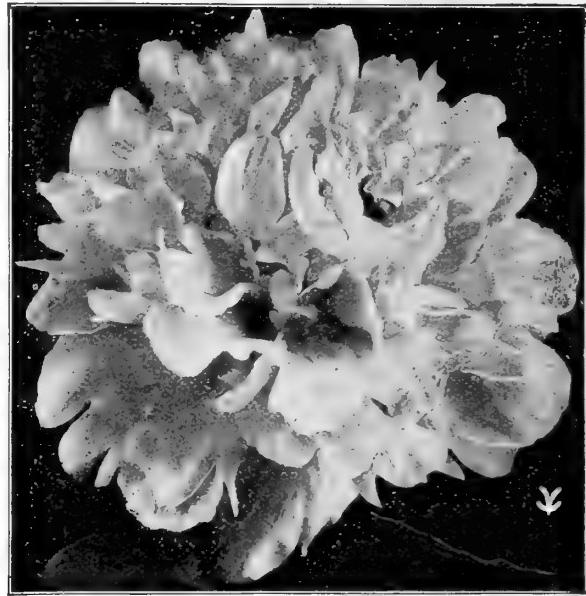
**Large—4 and 5 year old clumps.**

## WHITE AND LIGHT SORTS

	Small Each Doz.	Medium Each Doz.	Large Each	
<b>Canari</b> Guard petals flesh, yellow center. A very desirable and pleasing variety.....	\$0 40	\$4.20	\$0.60	\$6.00 . . . . .
<b>Carnea Elegans</b> Clear flesh color, broad petals, perfect shaped flower, with glossy reflex.....	.40	4.20	.60	6.00 . . . . .
<b>Couronne d'Or</b> Snow-white, yellow reflex. Very large. Ball-shaped imbricated flower. Splendid cut flower sort. Late.....	.50	5.40	.75	8.00 \$2.00
<b>Duchess de Nemours (Calot)</b> Sulphur white with greenish reflex. Flower large, cup-shaped. Splendid cut flower variety. Late.....	.35	4.00	.60	6.00 1.50
<b>Duke of Wellington</b> Very large, well formed sulphur-white bloom; habit ideal; stems very firm and long; strong grower; very fragrant	.40	4.20	.60	6.00 1.25
<b>Festiva (True)</b> Late mid-season. Fine, very full shell-formed bloom on strong stems; color fine ivory white, with a few carmine spots on center petals; very fragrant. One of the best cut-flower sorts.....	.50	5.40	.....	1.50
<b>Festiva Maxima</b> The best known Peony. Flower of immense size—7 to 8 in. in diameter—snow-white, with some red spots on the edges of the center petals. Very sweet. Early.....	.35	4.00	.60	6.00 1.25
<b>Jeanne d'Arc</b> Soft pink; center sulphur white. Very fragrant. This is one of the most desirable of the light colored Peonies, being very free and a vigorous grower. Similar but better than Golden Harvest.....	.40	4.20	.....	1.25
<b>La Tulipe</b> Very large shell-formed bloom; delicate rose, fading to creamy white; center petals tipped with carmine; outside of guard petals striped with carmine. Late.....	.40	4.20	.....	1.25
<b>Madam Breon</b> Guards brilliant rosy flesh, center creamy white to yellowish upon opening, fading to pure white; bloom very large, on long, strong stems; fragrant.	.40	4.20	6.00	6.00 1.25
<b>Madame Calot</b> Pinkish white, tinted with flesh color. Extra fine variety.....	.40	4.20	.....	1.25
<b>Madame Crousse</b> Very large, full well-made flower; color snow-white, center petals edged with bright carmine. Extra fine for all purposes. Taken all together, this is, in our estimation, the best of all the White Peonies.....	.85	8.50	.....	2.00
<b>Madame de Verneville</b> Guard petals sulphur white, center delicate flesh. Flowers very double and compact, imbricated; borne on long stems. This is one of the most desirable of the White Peonies for all purposes.....	.40	4.20	.65	7.00 . . . . .
<b>M. Dupont</b> One of the best late white sorts. Flowers very large, cup-shaped, on stiff stems. Clear ivory white, with brilliant carmine border on center petals. A good grower and free bloomer.....	.75	8.00	.....	1.25
<b>Nivea Plenissima</b> White, slightly shaded yellow.....	.40	4.20	.....	1.25
<b>Pottsi Alba</b> Delicate flesh deepening to pink towards center, profuse bloomer, immense globular flower, tall grower.....	.40	4.20	.....	1.25
<b>Triumphans Gandavensis</b> Pinkish white, tinted chamois; dwarf habit. Very pretty for bedding.....	.50	5.40	.....	1.25

## LIGHT AND DARK PINK AND ROSE

<b>Dorchester (Richardson's)</b> A most beautiful soft pink of fine form, dwarf grower.....	.50	5.40	.....	1.50
<b>Duchess de Nemours (Guerin)</b> Fine brilliant pink shaded violet, intermixed with white. Very large bloom, and an excellent early cut flower variety.....	.40	4.20	.70	7.50 1.25
<b>Floral Treasure</b> Color pale lilac rose, large and showy midseason, extra good, one of the best commercial blooms.....	.35	3.60	.....	1.50
<b>Lady Leonora Bramwell</b> Beautiful large rose-colored Peony. Very free. Splendid cut-flower sort .....	.40	4.20	.70	7.50 1.25



FESTIVA MAXIMA (The best known white Peony)

## LIGHT AND DARK PINK AND ROSE—Continued

	Small Each Doz.	Medium Each Doz.	Large Each	
<b>Madame Boilet</b> Color rose, with silvery reflex. Very large and double. Late.....	.60	6.00	.....	1.50
<b>Madame Galhau</b> Soft flesh pink, shaded salmon, with silvery reflex. An extra long stemmed variety; late mid-season.....	.40	4.20	.65	7.00 1.25
<b>Madame de Vatry</b> Guard petal flesh, center sulphur white, with carmine stripes. Very large flowers; of dwarf habit. An excellent cut-flower variety and fine for bedding. Late mid-season.....	.60	6.50	.....	1.25
<b>Madame Geissler</b> Silvery pink, shading to rose at base of petals. Immense flower; imbricated and borne on strong stems. Late.....	.50	5.40	.....	1.50
<b>Madame Muysart</b> One of the best and largest of the pink sorts; extra choice. Late.....	.40	4.20	.....	1.25
<b>Mathilde Mechlin</b> French pink, mixed with small salmon petals. Bright Anemone, ball-shaped flowers of perfect build. Extra fine.....	.60	6.50	.80	9.00 1.50
<b>M. Boucharlet</b> Bright pink. Of medium size and excellent form. A food grower and of compact habit. Valuable lawn sort. Mid-season.....	.45	5.00	.65	7.00 . . . . .
<b>Mons. Chas. Leveque</b> Color delicate rose. <b>Pulcherrima</b> Outside petals flesh, center pink. Very large and borne on long, strong stems.....	.40	4.20	.....	1.25
	.35	3.60	.....	1.50

## RED AND CRIMSON SORTS

<b>Berlioz</b> Brilliant dark red. Flowers of very large size, imbricated dwarf compact grower. Fine lawn sort. Very late.....	.40	4.20	.60	6.00 1.23
<b>De Candolle</b> Brilliant dark red. Very striking. Late.....	.50	5.40	.....	1.50
<b>Delachii</b> Rich deep purple, strong grower and free bloomer, one of the best of the dark Peonies. Mid-season.....	.35	3.60	.60	6.00 1.00
<b>Felix Crouse</b> One of the best red sorts. Large double-ball shaped flower; a free bloomer. Very desirable. Late mid-season.....	.60	6.00	1.00	10.00 . . . . .
<b>Lee's Grandiflora Rubra</b> Rich red, resembling American Beauty Rose, of enormous size and long stem. One of the latest and best.....	.40	4.20	.65	6.50 . . . . .
<b>Meissionier</b> Broad outer petals brilliant purple amaranth, inner petals crimson, free bloomer.....	.35	3.60	.....	.40
<b>M. du Ribert</b> Color rose magenta, loose bloom, sweetly scented. Late. Height medium.....				4.20 . . . . .
<b>Officialia Rubra Plena</b> This is the old-fashioned red, the most brilliant of all red Peonies. Early and splendid cut flower.....	.30	3.25	.60	6.00 1.5
<b>Richardson's Rubra Superb</b> Rich, deep crimson; latest of all. Very sweet.....	.30	3.25	.60	6.00 1.50
<b>Rubra Triumphans</b> Brilliant crimson, showing brilliant yellow stamens. Very large. Early.....	.35	3.60	.65	6.50 . . . . .
<b>Mixed all Colors (Double)</b> .....	.20	2.00	.30	2.40 75¢ & \$1

## SINGLE PEONIES

Single Crimson, small, each 50c.  
Single Pink, small, each 50c.  
Single White, small, each 50c.

## TREE PEONIES

Japanese Tree 3 year old plants. Each, \$1.50; per doz. \$15.00.

# HARDY PHLOX

The beauty and usefulness of these grand border plants give them a deservedly first place amongst hardy plants. They succeed in almost any soil enriched with manure, but are much benefited by a mulching of well rotted manure in spring, and in hot weather an occasional soaking of water. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in the fall may be expected.

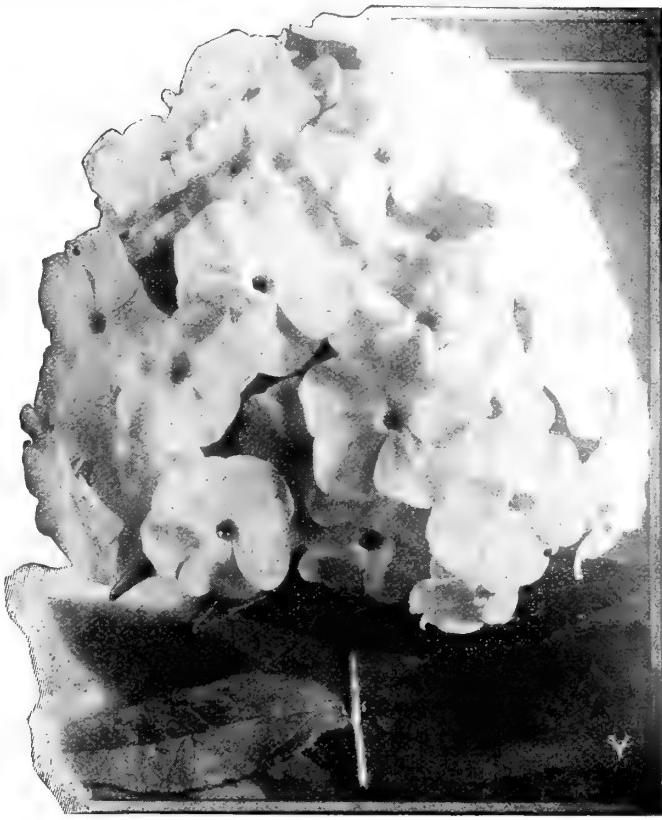
The best effects to be had with Phlox are produced by planting masses of each color. A very wide range of color is now to be had and planting them in this manner, the Phlox will be the pride of the garden.

The flowering period is from the early part of July to the middle of September and they grow to heights varying from 1 to 3 and even 4 feet. Letters and numbers immediately following the varieties indicate time of flowering and approximate height as follows:

(1) Early	(D) Dwarf grower
(2) Mid-season	(M) Medium grower
(3) Late	(T) Tall grower

	Pot-Grown Plants		Field-Grown Plants	
	Each Doz.	100.	Each Doz.	100.

<b>Antonin Mercie</b> (M 2) A beautiful grayish lilac with white center.....	.25	2.50	\$0.25	<b>\$2.50</b>
<b>Baron Von Dedem</b> (T 2) New. Blood-red scarlet with immense trusses, and large individual flowers.....	.25	2.50	\$0.40	<b>\$4.00</b>
<b>Beranger</b> (D 1) Ground color white, delicately suffused with rosy pink and a distinct amaranthe red eye; early.....	.10	1.00	\$ 6.00	.15 1.50 \$10.00
<b>Bridesmaid</b> (D 2) Pure white with large crimson-carmine eye; very fine	.10	1.00	6.00	.20 2.00
<b>Clara Benz</b> (M 2) Brilliant carmine rose.....	.15	1.50	10.00	.25 2.50
<b>Coquelicot</b> (T 2) A fine orange scarlet with crimson eye. Very fine.....	.15	1.50	10.00	.25 2.50 15.00
<b>Eclaireur</b> (T 3) Brilliant rosy magenta with large lighter halo. An excellent variety.....	.10	1.00	6.00	.15 1.50 10.00
<b>Eugene Danzanvilliers</b> (D 1) Soft lilac blue, with large white center, free and continuous bloomer .....	.15	1.50	10.00	.25 2.50
<b>Flora Hornung</b> (D 2) Milk-white with carmine eye, large flower.....	.15	1.50	10.00	.25 2.50 15.00
<b>Frau Ant. Buchner</b> (D 2) Pure white. Undoubtedly the finest white yet raised. Strong habit. New.....	.25	2.50	18.00	.35 3.50
<b>Fraulein Von Lassburg</b> (T 2) The purest snow-white in cultivation. Individual flowers larger than any other white. Extra fine.....	.20	2.00	14.00	.25 2.50 18.00
<b>G. A. Strohlein</b> (M 2) Glowing orange scarlet with blood-red eye. Immense heads.....	.20	2.00	14.00	.25 2.50 18.00
<b>General Von Heutz</b> (M 2) Brilliant salmon red with white center: Very large heads; free bloomer. Extra fine.....	.15	1.50	10.00	.25 2.50 18.00
<b>Goliath</b> (T 1) New. Bright carmine with dark red center, early flowering.....	.25	2.50	.35	3.50
<b>Gruppen Koenigin</b> (M 2) Flesh with dark eye. Immense heads; very large individual flowers, very free and lasting.....	.15	1.50	10.00	.25 2.50 18.00
<b>Jeanne d'Arc</b> (T 3) Pure white, large flowering variety.....	.10	1.00	6.00	.15 1.50 8.00
<b>Jules Cambon</b> (M 2) Brilliant reddish purple, with very large pure white center. New.....	.20	2.00	.35	3.50
<b>L'Aiglon</b> (T 1) One of the best of the deep rose colored varieties; bright carmine eye.....	.15	1.50	10.00	.25 2.50
<b>Mad. Bezanson</b> (M 2) Deep crimson. Very fine.....	.10	1.00	6.00	.20 2.00 10.00
<b>Mad. Paul Duthrie</b> (M 1) New. So't pink, suffused white.....	.15	1.50	.25	2.50
<b>Mrs. Arthur Baker</b> (M 2) Fine Salmon. Very distinct.....	.15	1.50	10.00	.25 2.50
<b>Pantheon</b> (T 2) Deep salmon rose. Very fine.....	.20	2.00	14.00	.25 2.50
<b>R. P. Struthers</b> (T 2) Rosy carmine with claret eye. Very bright.....	.15	1.50	10.00	.25 2.50 15.00
<b>Sigrid Arnaldson</b> New. Fiery carmine red, with dark center; extra fine.....	.20	2.00	14.00	.25 2.50 18.00
<b>Tapis Blanc</b> (D 1) Pure white. Immense heads; of extra dwarf habit. The best dwarf Phlox in cultivation.	.25	2.50	.35	3.50
<b>Von Hochberg</b> (M 2) The ideal crimson. The richest of its color. One of the best.....	.25	2.50	18.00	.35 3.50
<b>Von Goethe</b> (D 2) Pure clear pink with white eye. Very fine.....	.25	2.50	18.00	.35 3.50



**HARDY PHLOX**

## EARLY-FLOWERING HARDY PHLOX (Phlox-Suffruticosa)

These are very free flowering kinds with large trusses of flowers in June and July, height from 2½ to 4 feet. Although they grow and flower well in full sunshine, they are best grown in a partially shaded situation. All are fine for cut flowers.

	Pot-Grown Plants		Field-Grown Plants	
	Each Doz.	100.	Each Doz.	100.
<b>Lady Musgrave</b> Red, with a white cross.....	.15	\$1.50	.25	\$2.50
<b>Mme. Fournier</b> White, with a pink eye.....	.15	1.50	.25	2.50
<b>Miss Lingard</b> Pure White, one of the best.....	.15	1.50	.25	2.50

## PHLOX COLLECTIONS

The composition of these collections cannot be changed.

### Ten Choice and Rare Hardy Phlox.

This collection contains the cream of the choice varieties we offer.

<b>Flora Hornung</b>	<b>Gruppen Koenigin</b>	<b>Selma</b>
<b>Fraulein Von Lassburg</b>	<b>R. P. Struthers</b>	<b>Tapis Blanc</b>
<b>G. A. Strohlein</b>	<b>Pantheon</b>	<b>Von Hochberg</b>

No. 1 1 each of the 10 varieties—Pot-grown.....	\$1.60
No. 2 1 each of the 10 varieties—Field-gr w n.....	2.40
No. 3 3 each of the 10 varieties—Pot-grown.....	4.50
No. 4 3 each of the 10 varieties—Field-grown.....	6.75

### Ten Superb Standard Varieties of Hardy Phlox.

<b>Beranger</b>	<b>Eclaireur</b>	<b>Miss Lingard</b>
<b>Bridesmaid</b>	<b>Jeanne d'Arc</b>	<b>Mrs. Arthur Baker</b>
<b>Clara Benz</b>	<b>Mad. Bezanson</b>	<b>Von Goethe</b>
<b>Coquelicot</b>		

No. 5 1 each of the 10 varieties—Pot grown.....	1.00
No. 6 1 each of the 10 varieties—Field-grown.....	1.75
No. 7 3 each of the 10 varieties—Pot-grown.....	2.75
No. 8 3 each of the 10 varieties—Field-grown.....	5.00

**Phlox Surprise Collection No. 1** Contains 10 different varieties hardy Phlox (not labeled), pot-grown plants, **for 75c.**

**Phlox Surprise Collection No. 2** Contains 10 different varieties hardy Phlox (not labeled), field-grown plants, **for \$1.25.**

## DWARF AND ALPINE PHLOX

These are remarkable for their dense prostrate habit and sheets of bloom in spring and early summer. They are splendid subjects for the fronts of borders and graves. They are quite distinct from the Phloxes offered above.

**Amoena**—Bright pink flowers, from May to June, height 6 inches. **Each, 10c; dozen, \$1.00.**

**Divaricata Laphami** (New). A very beautiful variety with clear lavender blue flowers from April to July, height 1 foot. **Each, 20c; dozen, \$2.00.**

**Subulata Alba**—Forms a compact mass of elegant prostrate foliage and in May and June is covered with dainty white flowers, height 4 inches. **Each, 15c; dozen, \$1.50.**

**Subulata Rosa**—Same as above but with dainty rose pink flowers. **Each, 10c; dozen, \$1.00.**



PLATYCODON



PAPAVER (Oriental Poppy)



PYRETHRUM

The Pyrethrum in May and June occupies a similar position to that held by the 'Mum' in Oct. and Nov. Their flowers are large, of elegant form and are produced in great profusion. Their color range is from pure white to richest crimson. As a cut flower for vases or table decoration they are of the greatest value, lasting in water longer than almost any other flower.

## Use, Soil, Position, Etc.

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Per doz.	
<b>PAPAVER</b>	Oriental Poppy.						
Goliath.....		June-July.....	Scarlet.....	3½ ft.....	.25c	\$2.50	
Mahoney.....		June-July.....	Deep Maroon.....	3 ft.....	.25c	2.50	
Masterpiece.....		June-July.....	Salmon -ink.....	3 ft.....	.20c	2.00	
Mary Studholme.....		June-July.....	Salmon.....	3 ft.....	.25c	2.50	
Royal Scarlet.....		June-July.....	Scarlet Black Cen.	3 ft.....	.15c	1.50	
Oriental King.....		June-July.....	Crimson Scarlet.....	3 ft.....	.25c	2.50	
Princess Victoria Louise.....		June-July.....	Soft Lilac Rose.....	3 ft.....	.20c	2.00	
Rembrandt.....		June-July.....	Orange Salmon.....	3 ft.....	.25c	2.50	
Silver Queen.....		June-July.....	Silvery White.....	3 ft.....	.20c	2.00	
Nudicaule.....	Iceland Poppy.....	June-Oct.....	Scarlet.....	1 ft.....	.15c	1.50	
<b>PELTARIA</b>							
Alliacea.....		June.....	White.....	1 ft.....	.15c	1.50	
<b>PENTSTEMON</b>	Beard's Tongue.						
Barbatus Torreyi.....		June-Aug.....	Brilliant Scarlet.....	3 ft.....	.15c	1.50	
Digitalis.....		June-July.....	Purple White.....	2 ft.....	.15c	1.50	
<b>PHALARIS</b>							
<b>PHYSOSTEGIA</b>	See Grasses. False Dragon Head.						
Virginica.....		June-Sept.....	Soft Pink.....	3-4 ft.....	.15c	1.50	
Virginica Alba.....		June-Sept.....	Pure White.....	3-4 ft.....	.15c	1.50	
Virginica Speciosa.....			Delicate Pink.....		.15c	1.50	
<b>PLATYCODON</b>	Balloon Flower.						
Grandiflora.....		May-Sept.....	Deep Blue.....	18 in.....	.15c	1.50	
Grandiflora Double Blue.....		May-Sept.....	Blue.....	18 in.....	.20c	2.00	
Grandiflora Double White.....		May-Sept.....	White.....	18 in.....	.20c	2.00	
Mariesi.....		May-Sept.....	Violet Bl'ue.....	12 in.....	.15c	1.50	
Mariesi Alba.....		May-Sept.....	White.....	12 in.....	.15c	1.50	
<b>PLUMBAGO</b>	Leadwort.						
Larpentae.....		Sept.....	Deep Blue.....	1 ft.....	.15c	1.50	
<b>POLEMONIUM</b>	Jacob's Ladder.						
Himalaicum.....		June.....	Blue.....	2 ft.....	.15c	1.50	
Himalaicum Album.....		June.....	White.....	2 ft.....	.15c	1.50	
<b>POTENTILLA</b>	Cinquefoil.						
Atrosanguinea.....		June-Aug.....	Brilliant Scarlet.....	18 in.....	.15c	1.50	
Formosa.....		June-Aug.....	Rosy Red.....	18 in.....	.15c	1.50	
Hybrida.....		June-Aug.....	Mixed.....	18 in.....	.15c	1.50	
Toussaint L'Outverture.....		June-July.....	Double Scarlet.....	18 in.....	.20c	2.00	
<b>PRIMULA</b>	Hardy Primrose.						
Sieboldi Atlas.....		May-June.....	Rosy Pink.....	8 in.....	.20c	2.00	
Sieboldi Princess Beatrice.....		May-June.....	White.....	8 in.....	.20c	2.00	
Sieboldi Sirius.....		May-June.....	Scarlet.....	8 in.....	.20c	2.00	
Veris Grandiflora.....		May-June.....	Yellow.....	10 in.....	.15c	1.50	
<b>PYRETHRUM</b>							
Alfred Kelway.....		June.....	Double Crimson.....	18 in.....	.30c	3.00	
Aphrodite.....		June.....	Double White.....	18 in.....	.40c	4.00	
James Kelway.....		June.....	Single Scarlet.....	18 in.....	.40c	4.00	
Lord Rosebery.....		June.....	Double Carmine.....	18 in.....	.40c	4.00	
Kelway's Hybrids.....		June.....	Mixed.....	18 in.....	.15c	1.50	
Princess de Metternich.....		June.....	Double White.....	18 in.....	.40c	4.00	
Yvonne Cléaux.....		June.....	Double White.....	18 in.....	.40c	4.00	
Uliginosum.....	Giant Daisy.....	Sept.-Oct.....	White.....	5 ft.....	.15c	1.50	

For gorgeous coloring the Oriental Poppies have few rivals amongst hardy plants, making a magnificent effect in the border, shrubbery or wherever large breaks of distinct and glowing colors are required. As a cut flower they rank high. Their freedom of bloom renders them conspicuous in any position. Good, deep, rich soil and open situation suit them best. We offer only the finest varieties of tried merit. Iceland Poppies are very free and delicate and much admired for the front row of border.

Evergreen foliage of small growth, fine for planting in borders and rockeries. A desirable cut flower. These graceful plants bearing long spikes of flowers are very free and will flourish in any ordinary well drained garden soil. The prolonged flowering season makes them valuable for the border.

Fine for a cool situation and rich, light soil, bearing erect spikes of pretty feather-like flowers. Useful for borders, wild gardens and for cutting.

Very handsome plants of the Campanula family, being large open bell-shaped flowers, which in the bud resemble a balloon, hence the name. As border plants they are unique, and should be planted in quantity. Sandy loam is best.

This pretty autumn flowering plant requires a loamy soil.

Very useful border plants with deep green fine cut foliage and showy spikes of blue and white flowers.

Valuable for massing in borders and for cut flowers. They require light, deep, loamy soil with exposed position.

These favorite early spring flowering plants of dwarf habit are not as well known as they should be. They are invaluable for planting in partial shade borders in masses or as a border to bulb beds. They are useful for forcing under glass, making nice pot plants. Can be used with advantage for naturalizing in woods. They like leaf-soil, old decayed manure and light soil and a cool, moist situation.

Tulsa, Oklahoma. "The box by express came through in excellent shape and plants were A No. 1. The best you have ever sent, and that is saying a great deal."

PERRY N. DeHAVEN.

Hardy Pyrethrums occupy a foremost place amongst cut flowers and should be grown by all. They are of easy culture, thriving in any good garden soil, in full sun. Spring flowering is recommended. They naturally flower in June, but if they are cut down immediately after this flowering they will flower again in the fall.



**STOKESIA (Stokes' Aster)**



**STATICE LATIFOLIA**



**RUDBECKIA (Golden Ray)**



**RUDBECKIA (Purpurea Grandifl.)**

**Use, Soil, Position, Etc.**

Botanical Name.	Common Name.	Flowering Period. (Color.)	Height. Each.	Per doz.		
<b>RANUNCULUS</b>	Fair Maids of France.					
<b>Aconitifolius fl. pl.</b>		May-June.....White.....	2 ft.	20c	\$2.00	
<b>RUDBECKIA</b>	Cone Flower.					
<b>Laciniata fl. pl. (Golden Glow).</b>		July-Oct.....Yellow.....	5-7 ft.	15c	1.50	
<b>Golden Ray.</b>	New.....	July-Oct.....Golden Yellow.....	6 ft.	20c	2.00	
<b>Maxima.</b>		June-Sept.....Bright Yellow.....	6 ft.	15c	1.50	
<b>Newmanni.</b>		June-Sept.....Orange Blk. Cone.	2 ft.	15c	1.50	
<b>Nitida "Fall Sun".</b>	New.....	Sept.-Oct.....Golden Yellow.....	6 ft.	20c	2.00	
<b>Purpurea.</b>		Purple Cone Flower July-Sept.....	Reddish Purple.....	3 ft.	15c	1.50
<b>Purpurea Grandiflora</b>	Giant Purple Cone Flower.	July-Sept.....Claret Red.....	4 ft.	35c	3.50	
<b>New.....</b>						
<b>ROSMARINUS</b>						
<b>Officinalis.</b>	Rosemary.....	Lavender.....	2 ft.	15c	1.50	
<b>SAPONARIA</b>						
<b>Ocymoides Splendens.</b>		May.....Pink.....	6 in.	15c	1.50	
<b>SCABIOSA</b>	Mourning Bride.					
<b>Caucasca.</b>		June-Sept.....Pale Blue.....	18 in.	15c	1.50	
<b>Caucasca Alba.</b>		June-Sept.....White.....	18 in.	25c	2.50	
<b>SEEDUM</b>						
<b>Acre.</b>	Golden Mts.	May-June.....Bright Yellow.....	3 in.	10c	1.00	
<b>Latifolius Atropurpureus.</b>		Aug.-Sept.....Crimson.....	18 in.	20c	2.00	
<b>Spectabile.</b>	Brilliant Stone-crop.	July-Aug.....Rose Color.....	18 in.	15c	1.50	
<b>Spectabile Atropurpureus.</b>		July-Aug.....Bright Crimson.....	18 in.	20c	2.00	
<b>Mixed Varieties.</b>		July-Aug.....Mixed.....	4-12 in.	10c	1.00	
<b>SIDALCEA</b>						
<b>Rosy Gem.</b>		June-July.....Pink.....	3 ft.	15c	1.50	
<b>STATICE</b>						
<b>Latifolia.</b>	Sea Lavender.	July-Sept.....Lavender.....	2 ft.	15c	1.50	
<b>STENANTHIUM</b>						
<b>Robustum.</b>	Mountain Feather Fleece					
		Aug.-Sept.....Pure White.....	4-5 ft.	50c	5.00	
<b>STOKESIA</b>						
<b>Cyanea.</b>	Stokes' Aster.					
<b>Cyanea Alba.</b>		July-Oct.....Pale Blue.....	18 in.	15c	1.50	
<b>SOLIDAGO</b>						
<b>Canadensis Golden Wings.</b>		Sept.-Oct.....Rich Yellow.....	6 ft.	40c	4.00	
<b>Canadensis Nana.</b>		Aug. Sept.....Golden Yellow.....	18 in.	15c	1.50	
<b>SPIRAEA</b>						
<b>Lobata (Venusta).</b>	Goats' Beard or Meadow Sweet.					
<b>Filipendula fl. pl.</b>	June-July.....Rose Pink.....	3-4 ft.	20c	2.00		
	Dropwort.....	Double White.....	18 in.	15c	1.50	

**A Cordial Invitation.** Florists and others interested in plants, shrubs, etc., are invited to inspect our grounds at Western Springs (on C. B. & Q. R. R. 15 miles west) during the summer and fall months, when Perennials are in bloom and shrubs are in full leaf and bloom. Our trial grounds of vegetables and flowers are also worth seeing.



SWEET WILLIAM

Sweet Williams are very old favorites and deservedly so. They are of the easiest culture, and produce their beautifully sweetly scented blossoms in the greatest profusion. The plants we offer are seedlings from a carefully selected strain.



TRITOMA (Torch Lily)



TROLLIUS



VERONICA

## Botanical Name.

## Common Name.

## Flowering Period.

## Color

## Height. Each. Per doz.

## Use, Soil, Position, Etc.

**SWEET WILLIAM**

<i>Single and Double</i>	June-July..... Mixed.....	18 in.....	15c	\$1.50
<i>Red</i>	June-July..... Red.....	18 in.....	15c	1.50
<i>White</i>	June-July..... White.....	18 in.....	15c	1.50

The varieties offered are an improvement on the old-fashioned kinds, inasmuch that the colors and size of flower are far superior, being grown from select seed. Sweet William looks fine in solid beds or masses and requires a good, rich, well manured soil to grow them to perfection.

**THALICTRUM**

## Meadow Rue.

<i>Adiantifolium</i>	June-Aug..... Yellow.....	8 in.....	15c	1.50
<i>Delavayi</i>	June-Aug..... Dark Lilac.....	2½ ft.....	30c	3.00
<i>Flavum</i>	June-Aug..... Yellow.....	4 ft.....	15c	1.50

These stately plants should be more grown on account of their finely cut foliage, which much resembles that of Maiden-hair Ferns. They make fine border plants for partial shade or sun, and will thrive in any good soil or situation.

**TRADESCANTIA**

<i>Virginica</i>	Spider Wort.....	July-Aug..... Blue.....	3 ft.....	15c
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Valuable for flower borders, naturalizing or growing anywhere.

**TRILLIUM**

## Wake Robin.

<i>Grandiflorum</i>	May-June..... White.....	12 in.....	10c	1.00
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One of the most beautiful of our native flowers. Hardy everywhere. Should be planted in partial shade. Splendid for naturalizing in moist shaded places. Flowers are pure white.

**TRITOMA**

## Red Hot Poker or Torch Lily.

<i>Everblooming Flame</i>	Flower.....	Aug.-Nov..... Orange Scarlet.....	3 ft.....	15c
<i>Pfitzeri</i>	Aug.-Nov..... Chrome Yellow.....	3 ft.....	25c	2.50
<i>Oblique</i>	June-Aug..... Coral-Red.....	3 ft.....	25c	2.50
<i>Saunders'</i>	Aug.-Oct..... Golden Yell'ow.....	3 ft.....	40c	4.00
<i>Triumph</i>	Aug.-Nov..... Bright Orange.....	4 ft.....	15c	1.50
<i>Uvaria Grandiflora</i>	June-Aug..... Orange Scarlet.....	2 ft.....	20c	2.00
<i>Express</i>				

A most striking and exceedingly ornamental autumn flowering class of plants. Their noble aspect and showy flower spikes from a dense root foliage render them valuable for shrubberies, flower borders, beds or lawns. They like light, sandy soil, plenty of manure and abundance of water, and should have protection in winter with straws or leaves, as they will not stand very severe weather. Pfitzeri is everblooming and makes a good flow'r.

**TROLLIUS**

## Globe Flower.

<i>Asiaticus fl. pl. Croceo</i>	May- June..... Dark Orange.....	18 in.....	25c	2.50
<i>Orange Globe</i>	Glowing Orange.....	3 ft.....	25c	2.50
<i>Japonicus Excelsior</i>	Dark Orange.....	2 ft.....	25c	2.50

The Globe Flowers are beautiful showy border plants, having luxuriant foliage. Thrive best in semi-shady places and moist situation with heavy soil. Are useful for naturalizing, side of ponds and borders. The flowers are borne on stiff stems and are valued for cutting.

**TUNICA**

<i>Saxifraga</i>	June-July..... Pink.....	1 ft.....	15c	1.50
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A very pretty little rock or border plant, bearing dainty pink flowers on slender stems. It likes a position in full sun. Rock plants are becoming very popular.

**VALERIANA**

## Garden Heliotrope.

<i>Officinalis</i>	June-July..... Pink.....	3 ft.....	15c	1.50
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A good border plant with sweet scented flowers of heliotrope order, worthy of a place in the back part of hardy gardens.

**VERONICA**

## Speedwell.

<i>Elegans</i>	July-Aug..... White.....	2 ft.....	15c	1.50
<i>Longifolia Subsessilis</i>	July-Aug..... Blue.....	2½ ft.....	15c	1.50
<i>Rupestrис</i>	May-June..... Bright Blue.....	4 in.....	15c	1.50
<i>Spicata</i>	July-Aug..... Bright Blue.....	18 in.....	15c	1.50

Amongst the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed. Subsessilis is the best of the tall growing species and makes a fine cut flower. Rupestris is a fine plant for matting the ground and can be used for covering dry banks, graves, etc. All the varieties are worthy of cultivation. Requiring any good garden soil and plenty of water in dry weather.

**VINCA Minor**

## Green Myrtle.

June..... Blue.....	4 in.....	10c	1.00
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Old garden favorites and valuable for graves, rough places and growing under trees where few other plants will live, they soon make a carpet.

**VIOLA**

## English Violet..... May-June.... Dble, Deep Purple 8 in.....

25c	2.50
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Should be planted in every garden, thrives well in partial shade, and are prized for the sweetness of the blossom.

**YUCCA Filamentosa**

## Adams Needle..... June-July..... Pure White..... 4-5 ft....

50c, 75c and \$1.00 each, according to size.
--

A charming plant to group in the hardy flower border, cemetery or as specimens in the lawn. The tall spikes covered with long thread-like hairs, is without an equal for planting in situation above mentioned.

Of these we can supply 1 year strong plants at 10c each, \$1.00 per doz.; larger plants at 25c, 50c, 75c and \$1.00 each, according to size.

# Ornamental and Flowering Shrubs and Trees



ILLUSTRATION OF FOUNDATION PLANTING WITH SHRUBS AND HARDY PERENNIALS

There is nothing that will add to the beauty and value of the home so much as well selected judiciously planted shrubs, and considering their very moderate cost and the fact that they last forever when properly cared for, is the best reason why they should surround every home. We shall always be pleased to make suggestions as to the best varieties to plant for certain purposes or locations.

**Our Shrubs are transplanted** every two or three years and are furnished with plenty of fibrous roots and should not be compared to stock that is never moved from the cutting beds until sold.

**Specimens.** This term is applied to shrubs that are perfect both in height and diameter as well as shape and are recommended where immediate effect is desired.

**SHIPPING DIRECTIONS:** Shrub orders amounting to \$5.00 and over include prepayment either by express or freight, within limits of Chicago. Otherwise Shrubs and Trees must be sent by express or freight, customers paying charges. Always give full and explicit shipping directions, as our responsibility ends on delivery of Shrubs and Trees in good condition to the freight or express office.

- A denotes shrubs which attain 9 to 12 feet in height at maturity.  
B denotes shrubs which attain 5 to 8 feet in height at maturity.  
C denotes shrubs which attain 1 to 4 feet in height at maturity.

Where the  
price for  
each is—

Regarding  
Prices

\$0.10, we supply 3 for \$0.25, 12 for \$1.00; \$0.60, we supply 3 for \$1.70, 12 for... \$6.50
.15, we supply 3 for .40, 12 for 1.50; .65, we supply 3 for 1.80, 12 for... 7.00
.20, we supply 3 for .55, 12 for 2.25; .70, we supply 3 for 1.90, 12 for... 7.25
.25, we supply 3 for .65, 12 for 2.50; .75, we supply 3 for 2.10, 12 for... 8.00
.30, we supply 3 for .80, 12 for 2.85; .80, we supply 3 for 2.20, 12 for... 8.50
.35, we supply 3 for 1.00, 12 for 3.75; .85, we supply 3 for 2.35, 12 for... 9.00
.40, we supply 3 for 1.10, 12 for 4.25; .90, we supply 3 for 2.50, 12 for... 9.50
.45, we supply 3 for 1.20, 12 for 4.60; .95, we supply 3 for 2.65, 12 for... 9.75
.50, we supply 3 for 1.35, 12 for 5.25; 1.00, we supply 3 for 2.75, 12 for... 10.00
.55, we supply 3 for 1.45, 12 for 5.75;

We invite a visit to our nursery to inspect our stock of Ornamental Shrubs, Fruit and Shade Trees, etc. We have a choice lot of specimens such as are not usually seen. Our nursery is located at Western Springs, (15 miles west of Chicago on the C. B. & Q. R. R.) two blocks south of 47th Street, the continuation of East Boulevard.

## ALMOND, DOUBLE-FLOWERING (B)

A desirable class of early-flowering shrubs, blooming in early spring. The flowers are double and are either pink or white.

**Double Pink or Double White, 1½ ft. 30c, 2½ ft. 40c.** Tree Form, 4 ft. stems, 2-year heads, \$1.5.

## ALTHEA (Rose of Sharon) (A)

A free-flowering shrub of easy culture and very desirable on account of blooming in August and September. Flowers resemble those of the hollyhock. Double pink, 3 to 3½ ft., 35c; 4 to 5 ft., tree form, 60c; double red, 3 to 4 ft., 35c; 4 to 5 ft., tree form 60c; double white, 3 to 4 ft., 35c; 4 to 5 ft., 50c; 4 to 5 ft., tree form, 60c; single blue, 1 ft., 30c; 2 to 3 ft., 40c; 3 to 4 ft., 50c.

## AMELANCHIER VULGARIS (European June-Berry)

This variety blooms in early summer. The flowers are white and the leaves color beautifully in the fall. 2 to 3 ft., 35c, 3 for \$1.00; doz., \$3.50; 4 to 5 ft., 50c.

## AMORPHIA FRUTICOSA (False Indigo)

(B)

This large-growing shrub has dense terminal panicles of pretty, odd and attractive bluish flowers in July. 3-year, 35c; 3 for \$1.00; doz. \$3.50.

**Canescens.** (B.) A small native shrub bearing light purple flowers, Jun. 3-year, 35c.

## ARALIA (Hercules Club)

**Cordata.** New Japanese sub-shrub, with large dark green, heart-shaped leaves, and tall spikes of light green flowers, from August to September. 40c.

**Maximowiczi.** (A.) A remarkably small tree with upright, spiny trunk. Leaves rich deep green, on strong, long stems. 4-year, 75c.

**Pentaphylla.** (B.) A pretty Japanese shrub of medium size and rapid growth, branches furnished with spines, leaves palmate, five lobed. 75c.

**Spinosa.** (A.) A large shrub of semi-tropical appearance. Very prickly stem. Bears immense clusters of white flowers. 2 to 3 ft., 35c; 3 to 4 ft., 50c; 5 to 6 ft. specimens, \$1.00.

## ARTEMISIA ABROTANUM (Southernwood or Old Man) (C)

A deciduous shrub well known for its fragrance. Extra strong bushes. 10 to 12 in., 15c; 1 ft. bushy, 25c; 1½ to 2 ft. bushy, 35c.

## AZALEA MOLLIS (C)

A beautiful variety from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Large bushy plants full of buds. Require partial shade. Each 75c, 3 for \$2.10, doz. \$8.00.

## BACCHARIS

**Halimifolia.** (Groundse Shrub.) (B.) The whitish flowers of this, though not unattractive, are not as ornamental as the downy clusters of seed which appear in late summer. A good sea shore shrub. 2 ft., 30c; 3 to 4 ft., 45c.



ALTHEA—Rose of Sharon



AZALEA MOLLIS

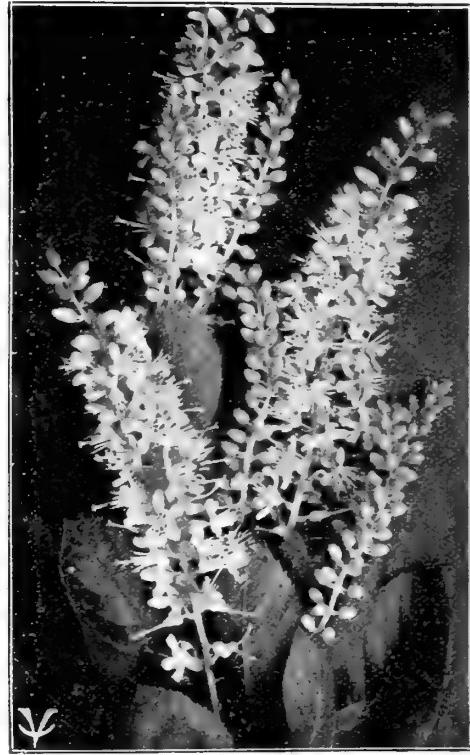


CALYCANTHUS (Sweet Shrub)

See page 125 for prices on 3 and 12 of a kind



BERBERIS (Barberry)



CLETHRA (Sweet Pepper Bush)

**BERBERIS**

**Ilicifolia.** (Holly-leaved Barberry.) (B.) The thick, spiny evergreen leaves of this species gives it a very close resemblance to the Holly. 1 to  $1\frac{1}{2}$  ft., 40c; 2 to  $2\frac{1}{2}$  ft., 50c; 3 ft., 60c.

**Japonica.** In habit of growth between Vulgaris and Thunbergii, having the same spreading habit of the latter, but growing taller. The bark of the young branches is a beautiful red-brown. The foliage colors up magnificently in the fall and remains on the bushes much longer than Thunbergii. 3 to 4 ft., 60c.

**Purpurea.** (Purple-leaved Barberry.) (B.) Especially remarkable for its dense, upright growth and its brilliant purple foliage and fruit. When full grown, plants attain a height of 4 to 5 ft., but can be kept at any height below this by shearing. It is very valuable as a border for walks and drives. Splendid for a hedge, also good as single specimens on the lawn. Endures partial shade and is perfectly hardy. 2 to 3 ft., 30c each; 100 \$20.00; 3 to 4 ft., 35c each; 100 \$22.00; specimens, 4 to 6 ft., 75c each.

**Thunbergii.** (Japanese Barberry.) (B.) One of the most beautiful shrubs either for hedging or general purposes. It is of a neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color. The plant is literally covered with bright scarlet berries all the fall and winter. It seldom grows over 4 ft. high. It is fine for the edge of a terrace and along roads and walks. Plant 15 to 18 in. apart. 1 year, 12 to 15 in., 15c each; 100 \$8.00; 2-year, 15 to 20 in., 25c each; 100 \$14.00; 3-year, 18 to 24 in., 40c each; 100 \$25.00; 4-year, strong, 50c each; 100 \$35.00; 5-year, 3 ft extra, 65c each; 100 \$45.00; specimens, \$1.00 each.

**Vulgaris.** (European Barberry.) (B.) A handsome shrub suitable for hedge, with yellow flowers in May and June, followed with orange-scarlet fruit. 1 to 2 ft., 25c each; 100, \$12.00; 2 to 3 ft., 35c each; 100, \$22.00; 3 to 4 ft., each, 45c.

**CALYCANTHUS (Sweet Shrub) (B)**

The Calycanthus is one of the most desirable shrubs. The wood is fragrant. Flowers are of a rare chocolate color, having an exquisite pine-apple fragrance. They bloom in June and at intervals after.

**Floridus.** 1 $\frac{1}{2}$  to 2 ft., 35c; 2 to 3 ft., 45c; 3 to 4 ft., extra bushy specimens, 75c.

**CARAGANA SIBERICA (Siberian Pea Tree) (A)**

Bush or low tree. Pea-shaped yellow flowers in May. 3 to 4 ft., 40c.

**CEANOOTHUS AMERICANA (Jersey Tea) (B)**

A small shrub with a profusion of white flowers, in crowded panicles, in June. One of the best shrubs for growing in shady places. 1 to 2 ft., 50c.

**CEPHALANTHUS OCCIDENTALIS (Button Bush) (B)**

A tall-growing native shrub with globular heads of white flowers in July. 3 to 4 ft., 50c.

**CHIONANTHUS VIRGINICA (White Fringe Tree)**

Large shrub or small tree, with large, heavy leaves almost hidden in Spring by thick mist of fragrant, drooping white flowers. When planted against evergreens it is one of our very best, choicest lawn ornaments. Attains a height of 9 to 15 ft., 18 to 24 in., 30c; 2 to 3 ft., 40c; Specimens, 4 to 5 ft., 75c.

**CLETHRA ALNIFOLIA (Sweet Pepper Bush) (A)**

A grand shrub covered with spikes of clear white fragrant flowers in August. 2 to 2 1/2 ft., 30c; 2 to 2 1/2 ft., 50c.

**COLUTEA ARBORESCENS (C)**

A large shrub with small delicate foliage and yellow pea-shaped blossoms, flowers in June and July, followed by reddish pods. 1 ft. 60c; specimens, 5 to 6 ft., 75c.

**BERBERIS (Barberry)****CORCHORUS (Kerria)**

**Japonica.** (B.) Single yellow flowers, with neat growth. An old favorite. 1 to  $1\frac{1}{2}$  ft., 25c.

**Japonica Aurea Var.** (C.) A graceful shrub, 4 to 5 ft. high, with double yellow flowers from early summer till fall. As pretty as a rose. Flowers very ornamental as a plant for lawn. Foliage edged green and yellow. 1 to  $1\frac{1}{2}$  ft., 30c.

**Japonica Argentea Var.** (B.) A pretty dwarf variety with small, green foliage, edged white, slender grower. A valuable dwarf shrub. 1 ft. bushy, 35c.

**Japonica Flore Pleno.** Double Flowered. This fine old shrub is found in all collections. It is of a spreading habit. Its double yellow blossoms, which are about 1 in. in diameter appear early in May, one from each leaf axil. It is excellent for massing. 1 to  $1\frac{1}{2}$  ft., 35c.

**CORNUS (Dogwood)**

**Alternifolia.** (Blue Dogwood.) (B.) A pretty, large shrub; forms almost a flat head. The bunches of white flowers borne in May are followed by deep blue berries. 2 ft., 35c.

**Gouchaulti.** Yellow and green variegated foliage, with red bark, attractive. 2 to  $2\frac{1}{2}$  ft., 60c.

**Mas.** (Cornelian Cherry.) (B.) One of the earliest of spring blooming shrubs, bearing a profusion of small, yellow flowers along its naked branches in early days of April. Bright red berries, size small cherries, very ornamental. 2 to 3 ft., 30c.

**Sanguinea.** (Red-branched Dogwood.) (B.) Very conspicuous and ornamental. Bark in winter blood-red. 1 $\frac{1}{2}$  to 2 ft., 30c; 2 to 3 ft., 35c.

**Sericia.** (Silky Dogwood.) A reddish-stemmed variety, producing its corymbs of white flowers late in June, followed by pretty blue berries in October. 3 to 4 ft., 40c.

**Siberica.** (Red Siberian Dogwood.) (B.) A rare and remarkable variety with bright red bark in winter. 1 to  $1\frac{1}{2}$  ft., 20c; 2 to 3 ft., 30c; 3 to 4 ft. bushy, 50c; 3 to 6 ft., specimens, each, 75c and \$1.00.

**Stolonifera Aurea.** A variety of golden yellow bark, very attractive. Planted in masses with the red-barked varieties, an effective and striking contrast may be secured. It is perfectly hardy. 3 to 4 ft., 50c.

**COTONEASTER**

**Simondsii.** Small white flowers, followed by red berries in autumn; very effective. 2 $\frac{1}{2}$  to 3 ft., 50c.

**CRAB (Bechtel's Double Flowering) (A)**

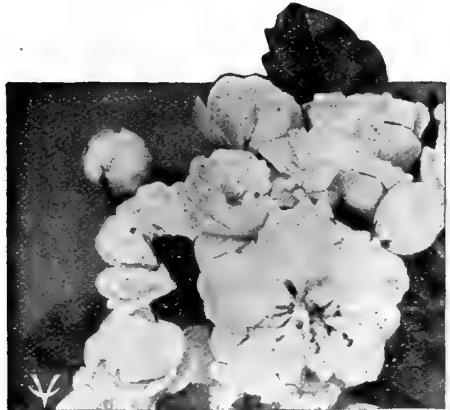
Most beautiful of all the flowering Crabs; hardy. Trees of medium size are covered in early spring with large, beautiful double fragrant flowers of a delicate pink. This is the ideal lawn tree for a small yard. 3 to 4 ft., \$1.00; 4 to 5 ft. specimens, each \$2.00, \$2.50 and \$3.00.

**CYDONIA JAPONICA (Japan Quince) (B)**

A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in spring. Valuable for ornamental hedges. 2 to 3 ft., 35c; 3 to 4 ft., extra bushy, 50c; 4 ft. specimens, 75c; 4 to 5 ft. specimens \$1.00.

**Gaujardi** (B.) Orange-colored flowers. Large showy fruit. Forms a large shrub. 3 to 4 ft., 60c.

**Umbilicata** (B.) Flowers brilliant rosy red. Succeeded by large showy fruit. Forms a large shrub. One of the finest. 3 to 4 ft., 50c.



**BECHTEL'S DOUBLE FLOWERING CRAB**  
(For description see preceding page)



**CHIONANTHUS (White Fringe)**  
(For description see preceding page)



**DOUBLE DEUTZIA**

### DESMODIUM PENDULIFLORUM (C)

A shrub-like plant which dies to the ground in winter, but comes up vigorously each spring. Bears attractive sprays of bright rose-colored flowers in September. 2 year, 35c; 3 year, 50c.

### DEUTZIA

We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers render them among the most beautiful and most popular of flowering shrubs at the present time. Flowers in June and through July and August.

**Candida fl. Plena (B.)** Pure white flowers. 2 to 3 ft., 35c; 5 ft. specimens, 75c and \$1.00.

**Crenata fl. pl. (B.)** Double white flowers. 3 to 4 ft., 50c; 5 ft., specimens, 75c and \$1.00.

**Crenata Rosea fl. pl. (B.)** Strong symmetrical shrub, beaming double pink flowers in June. 3 to 4 ft., 50c; 5 ft., specimens, 75c and \$1.00.

**Fortunei (B.)** Large, pure white, single flowers. 4 ft., 50c; 5 to 6 ft., specimens, 75c and \$1.00.

**Gracilis (C.)** A low growing shrub with slender graceful branches of pure white flowers, free flowering and very sweetly scented. 10 in. bushy plants, 25c.

**Lemoinei (B.)** A hybrid of the well-known Deutzia Gracilis with Deutzia Parviflora. Flowers pure white, borne on stout branches, upright growth. 2 to 2 1/2 ft., 40c; 2 1/2 to 3 ft., specimens, 60c and 75c.

**Lemoinei Compacta (C.) New** The dwarf, compact bushes are covered completely with white flowers during May and June. 3 ft., specimens, 60c and 75c.

**Pride of Rochester (B.)** A variety of Deutzia Crenata Flore Pleno, and producing large double white flowers; back of the petals slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profusion of bloom and vigorous habit; blooms nearly a week earlier than D. Crenata Flore Pleno. 1 ft., 25c; 3 to 4 ft., 50c.

**Wateri (B.)** A new form with double white, bell-shaped blossoms. 3 to 4 ft., 50c.

**Welsii (C.)** Another variety with double white flowers. 3 to 4 ft., 50c.

### ELEAGNUS (Silver Thorn)

**Angustifolia (B.)** Sweet-scented flowers in May or June; narrow leaves; hardy. 2 ft., 25c; 2 to 3 ft., 35c; 3 to 4 ft., 45c; 5 to 6 ft., specimens, 75c.

**Longipes (Edulis) (B.)** Small, yellowish white flowers in May, followed by berries somewhat larger than currants; good for eating or cooking. 1 to 2 ft., 30c; 2 to 3 ft., 60c; 4 ft., specimens, \$1.00.

### DOGWOOD (See Cornus)

### ELDERS (See Sambucus)

### EUONYMUS (Burning Bush)

**Alatus (B.)** Dwarf, compact habit. Wood corky; leaves small; fruit red very beautiful in autumn, when the foliage turns bright red. One of the prettiest of shrubs for specimens on the lawn. 1 1/2 ft., 60c; 2 to 3 ft., \$1.00; 4 ft., \$1.25; 4 to 5 ft., specimens, each, \$3.00, \$4.00 and \$5.00.

**Americanus (B.)** An erect shrub with slender green branches, leaves bright green. Fruit warty, rose color, with scarlet seed coats. Very showy. 1 1/2 to 2 ft., 40c.

**Europeae (European Burning Bush)** Forms a tree sometimes 30 ft., in height. Rose-colored fruit. 12 to 18 in., 20c; 3 to 4 ft., 50c; 4 to 5 ft., 75c; 5 ft., specimens, \$1.00.

**Linearis (C.)** A pretty shrub of dwarf habit; foliage narrow, becoming purple in autumn; fruit red; fine for rockeries. 12 to 18 in., 20c.

### EXOCHORDA GRANDIFLORA (Pearl Bush) (A)

A vigorous-growing shrub, forming a neat compact bush. Can be trimmed into any desired shape. Pure white flowers borne on slender racemes, on light and wiry branches that bend beneath their load of bloom. Hardy. 2 to 3 ft., 40c; 4 to 6 ft., specimens, \$1.00.

### FORSYTHIA (Golden Bell)

These are pretty shrubs of medium size. All natives of China and Japan. The flowers are drooping, golden yellow, and appear very early in spring before the leaves. The best very early flowering shrubs. Admired by thousands in Chicago parks.

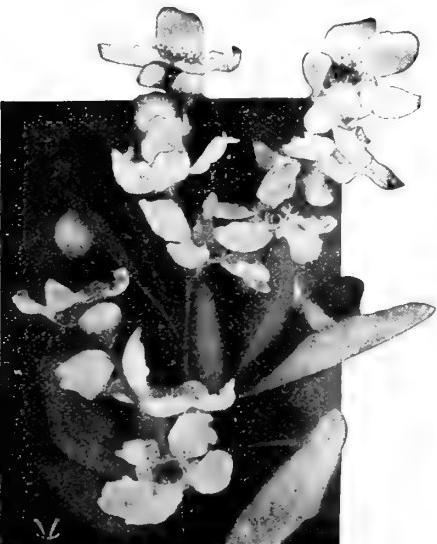
**Fortunei (Fortune's Forsythia) (B.)** Growth upright, foliage deep green, flowers rich yellow. 1 1/2 to 2 ft., 30c; 4 to 5 ft., 50c; 6 ft., \$1.00; 6 to 7 ft., specimens, \$1.50.

**Intermedia.** A wide-growing form, with fine broad foliage and a dense habit. 1 to 1 1/2 ft., each 20c; 100 \$12.00; 2 to 3 ft., 35c; 3 to 4 ft., 50c.

**Sieboldi (B.)** Of drooping habit, flowers bell-shaped, light yellow; very pretty. 3 to 4 ft., 50c.

**Suspensa (The Weeping Forsythia) (B.)** Fine drooping habit and covered with bright yellow flowers in early spring. 3 to 4 ft., 50c; 4 to 5 ft., 75c.

**Viridisima (B.)** A very pretty shrub of medium height; perfectly hardy in this country. The plant is covered with drooping yellow flowers, blooming very early in spring with the lilacs. 2 ft., 20c; 2 to 3 ft., 30c; 3 to 6 ft., specimens, 60c.



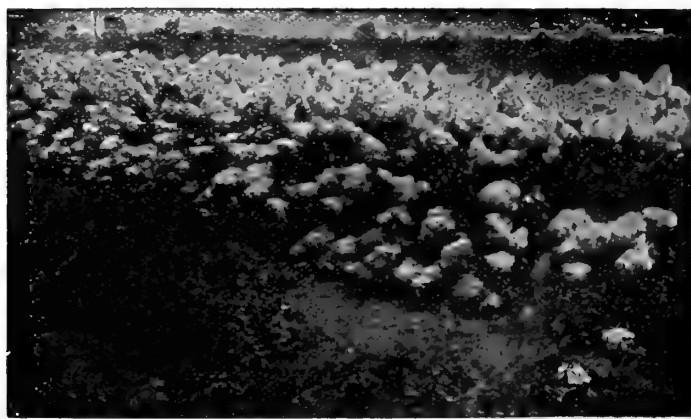
**EXOCHORDA (Pearl Bush)**



**EUONYMUS ALATUS (Burning Bush)**



**FORSYTHIA (Golden Bell)**



HYDRANGEA PANICULATA GRANDIFLORA

**FONTANESIA FILARIAEFLORIA (B)**

A large shrub with somewhat slender shoots and small leaves. Bearing small clusters of small white flowers with yellowish anthers, towards the close of May. 3 to 4 ft., 40c; 4 to 4½ ft., 60c; 6 to 7 ft., specimens, \$1.00 and \$1.25.

**HALESIA TETRAPTERA (A)**  
**(Snowdrop Tree, or Silver Bell)**

A beautiful shrub, with pretty white, bell-shaped flowers. May and June. Very beautiful. 3 to 4 ft., 60c.

**HAMAMELIS VIRGINICA (Witch Hazel) (B)**

A tall-growing shrub, yellow bell-shaped flowers. May and June. 1 to 2 ft., 40c; 2 to 3 ft., 50c; 3 to 4 ft., 75c.

**HIPPOPHAE RHAMNOIDES (B) (Sea Buckthorn)**

A rigid growing shrub, with leaves of silver color on the underside. 2 to 3 ft., 35c; 3 to 4 ft., 50c.

**HYDRANGEAS****ARBORESCENS GRANDIFLORA "SNOWBALL" (New) (C)**

This new American Hydrangea was found growing wild some years ago in the woods of Ohio and bids fair to become the most beautiful hardy flowering shrub introduced during the last twenty years. Its greatest value, aside from its wonderful beauty, is that it comes into bloom just after the flowering time of the Lilacs, Syringas, Viburnum, and spring-flowering Spireas and further it continues on into August. The panicle is more like a Snowball in form and size than *Paniculata Grandiflora* (hence the name), and is a pure white. It seems to thrive well in various soils, but requires shade. We offer strong dormant plants. 2-year, each, 40c; 100, \$20.00; 3-year, each, 60c; 4-year, specimens, \$1.00.

**HYDRANGEA PANICULATA GRANDIFLORA (A)**

Tens of thousands of this noble summer and autumn-flowering shrub have been sold the past few years, and the demand is now universal. They grow to a height of 8 to 10 feet and are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom a foot long, white at first, turning to rose in autumn, commencing to bloom in August, when very few shrubs are in bloom. To make a fine specimen, the soil should be prepared as for any other shrubs. An annual shortening of branches tends to increase the size of the flowers. When first planted, the branches should be cut back 6 or 8 inches off the main stalk. 2-year, each, 20c; 100, \$15.00; 3-year, each, 30c; 100, \$18.00; 4-year, each, 40c; 100, \$30.00; 5-year, each, 50c; 100, \$35.00.

**HYDRANGEA PANICULATA GRANDIFLORA (Tree Form) (A)**

These plants have a clear stem about 3 feet long, with a bushy top, making a grand show when in flower. 75c each; extra select, \$1.00.

**LINDERA BENZOIN (Spice Bush)**

An early flowering hardy ornamental shrub, covered with small yellow flowers which appear before the leaves. A fine shrub for partially shaded places and waterside planting. Most effective when planted in masses. 2 to 3 ft., each 40c; 3 to 4 ft., each 50c.

**LONICERA (Bush Honeysuckle)**

A shrub of spreading habit bearing bluish-colored berries. All the upright or bush Honeysuckles are vigorous shrubs and suited to almost any soil or exposure. Valuable for shrubberies and for their profusion of flowers and bright-colored fruit.

*Alberti* Violet bell-shaped flowers, leaves narrow. A very hardy variety, somewhat creeping. 3-4 ft., extra bushy, 50c.

*Bella Candida* A fine variety, producing fruit of red color in great profusion. 2-3 ft., 50c.

*Ledebouri* (B) A distinct species with red flowers in May; pretty. 1-1½ ft., each 25c; 4 ft., each 50c; 100 \$30.00.

*Morowii* (Japanese Bush Honeysuckle) (B) A strong, vigorous grower with pure white flowers produced in May and June, followed by brilliant-colored fruit. 2 ft., each 30c, 100 \$18.00; 4 to 5 ft., each 75c; 5 to 6 ft., specimens, each \$1.50.

*Tartarica Alba* (White Tartarian) (B) 3 to 4 ft., each 50c; 100 \$35.00.

*Tartarica Rosea* (Pink Tartarian) (B) 1½ to 2 ft., each 30c; 2 to 3 ft., each 40c, 100 \$25.00; 3 to 4 ft., each 50c, 100 \$35.00.

*Virginia Alba* White flowers, in the way of *Tartarica Alba*. 1½ to 2½ ft., extra bushy, each 35c.

**HARDY MAGNOLIAS**

We offer the two varieties best adapted to our climate, and that have proven hardy in Chicago.

*Halleana* (Japan Magnolia) Dwarf and shrubby. Its pure white semi-double flowers are quite fragrant and produced in April; earlier than those of other varieties. New and scarce. Bushes, 3 ft. high, each \$3.00.

*Soulangeana* Flowers white and purple, 3 to 5 in. across, borne in May before its leaves, which are massive and glossy. Among the hardiest and finest of foreign Magnolias. Bush, 4 ft. high, each \$3.00.



PRIVET HEDGE

**LIGUSTRUM (Privet)**

*Amurense*. (Amoor Privet.) (B) A more slender grower than the common Privet; the foliage is finer and of a lighter green than that of the California. A fine hedge plant. 1 ft., each, 10c; 100, \$6.00; 1½ to 2 ft., each, 20c; 100, \$10.00; 2 to 3 ft., each, 30c; 100, \$15.00; 3 to 3½ ft., each, 40c.

*California*. (B) This Privet has gained an immense popularity for hedging, but we found it unable to always stand the Illinois winters and can recommend it only for the eastern and southern states. 1 to 1½ ft., each, 15c; 100, \$10.00.

*Ciliatum*. Small Japanese shrub with pointed elliptical leaves, white flowers, followed by black berries the size of a pea. 1 ft., extra bushy, each, 15c; 100, \$10.00.

*Ibotae*. (B) A valuable hardy Privet for the western and northern states. It is almost evergreen and grows freely in all soils. Compact and regular in form, and bears shearing to any extent. Flowers white and fragrant; leaves long and shiny. A charming shrub for hedges or specimens on the lawn. 1 ft., each, 15c; 100, \$8.00; 1½ to 2 ft., each, 25c; 100, \$12.00; 3 to 4 ft., each, 35c; 100, \$25.00; 4 ft., specimens, each, 50c; 100, \$35.00.

*Regelianum*. (B) This beautiful, graceful Privet is absolutely hardy and most desirable in every way. It is a dense shrub with stiff, twiggy, horizontal, spreading branches, drooping at the ends. An excellent shrub for specimens, massed planting or hedges. It will become one of the most popular varieties as soon as it is better known. It forms a graceful, symmetrical bush, sufficiently dense for hedge purposes without trimming. Effective when massed against buildings or on slopes or banks. 1 to 2 ft., each, 15c; 100, \$10.00; 3 ft., each, 35c; 100, \$20.00; 4 ft., extra specimens, each, 60c; 100, \$45.00.

*Vulgare*. (European Privet.) (B) Very useful for hedges; can be clipped any shape. Grown as single specimens it produces panicles of white flowers in June. The foliage is of a lighter green than the other sorts. Its black berries remain on the bush all winter, and are quite ornamental. 2 to 3 ft., each, 20c; 100, \$12.00; to 4 ft., each, 30c.

**LILACS (True Syringa) (B)**

*Alba Grandiflora*. Flowers pure white and very fragrant. Strong bushes. 2½ to 3 ft., each, 30c; 100, \$20.00; 3 to 4 ft., each, 50c; 100, \$35.00; 4 to 5 ft., each, 75c; 100, \$55.00; 5 to 6 ft., specimens, each, \$1.00.

*Alphonse Lavallée*. A variety bearing beautiful double flowers of a rare blue color. 2 to 3 ft., 60c.

*Amurensis*. Blooms in June. Large white trusses. 3 to 4 ft., 50c.

*Bertha Dammann*. Magnificent pure white flowers, borne on large spikes. 2 to 3 ft., 50c; 3 to 4 ft., 85c.

*Charles X.* A strong, rapid-growing variety, with large, shining leaves; trusses large, of a reddish purple color. Strong bushes. 2½ to 3 ft., 50c; 3 to 4 ft., 75c; 4 to 5 ft., specimens, \$1.00; 5 ft. specimens, \$1.50; *Tree Form*, 4 ft., \$1.35 each.

*Japonica*. A species from Japan, becoming a good-sized tree. Foliage dark green, glossy, leathery; flowers creamy white, odorless, in great panicles. A month later than other Lilacs. 3 to 4 ft., 60c; 5 ft. specimens, \$1.00.

*Josikaea*. Has dark lilac-colored flowers. It blooms the first week in June. It is distinct and valuable. 1½ to 2 ft., 50c.

*La Tour d'Auvergne*. A Lilac with large and very double flowers of a beautiful violet hue. 2 ft., 50c.

*Le Gaulois*. Handsome, double, deep crimson flowers produced in very large panicles. A splendid sort. 4 to 5 ft. specimens, \$1.00 each.

*Mad. Lemoine*. Double pure white flowers, borne in large clusters. Strong bushes. 2 to 3 ft., 40c; 3 to 4 ft., 60c; 5 to 6 ft., specimens, \$1.50.

*Marie Legraye*. Large panicles of white flowers. Valuable for forcing. The finest white Lilac. 1½ to 2 ft., each, 50c; 100, \$35.00; 5 ft. specimens, \$1.25.

*Michel Buchner*. Dwarf plant, vigorous. Double flowers of pale lilac color. 3 to 3½ ft., 60c; 4 ft., 85c; 4 to 5 ft. specimens, \$1.25.

*Persian*, *Purple*. Strong plants 2 to 2½ ft., each, 40c; 100, \$20.00; 4 ft., extra bushy, each, 75c; 100, \$50.00; 4 to 5 ft. specimens, each, \$1.00; 6 ft. specimens, each, \$1.50.

*President Grey*. (C) A beautiful blue; individual flowers very double and very large, measuring three-quarters of an inch in diameter; the panicle is magnificent and measures 11 inches in length and 5 inches across. One of the finest Lilacs. 2 ft., 40c.

*Rubra de Marley*. The old-fashioned purple Lilac. Strong bushes. 1½ to 2 ft., each, 20c; 100, \$15.00; 3 to 4 ft., each, 50c; 100, \$35.00; 4 to 5 ft. Specimens, each, 75c; 100, \$60.00.

*Souvenir de L. Spath*. The individual flowers as well as the clusters are of extraordinary size and in color a magnificent rich, dark purple. 2 to 3 ft., 35c.

*Villosa*. (C) A species from Japan. Large branching panicles; flowers light purple in bud, white when open; fragrant; foliage resembles that of the White Fringe. Especially valuable as its flowers appear two weeks after those of other Lilacs. 1½ to 2 ft., 40c.

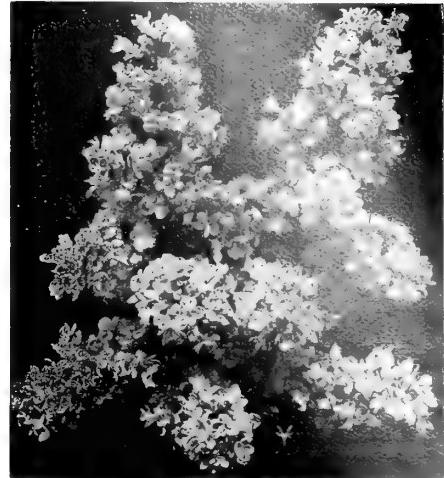
*Vulgaris*. (Common Lilac.) Bluish-purple flowers. A standard variety. Always good. 1 to 2 ft., each, 30c; 100, \$18.00; 2 to 3 ft., each, 40c; 100, \$28.00; 3 to 4 ft., extra bushy, each, 50c; 100, \$40.00.



LILAC, CHARLES X



PHILADELPHUS (Syringa)



LILAC, MAD. LEMOINE

## LILACS ON THEIR OWN ROOTS

The above has a great advantage over the usually offered budded stock. They are much longer lived, improve in beauty each year; and they withstand our severest winters. The demand for them becomes greater each year.

We have been fortunate enough to procure the following varieties in good, strong stock, but regret to say that the supply is very limited, and strongly advise customers to order early.

All are fully described in the general list of varieties above.

Charles X.....	2 to 2½ ft.	Each, \$1.00
Marie Legraye.....	1½ ft.	Each, 1.00
Mad. Lemoine.....	2 to 3 ft.	Each, 1.00
Souv. de L. Spath.....	2 to 2½ ft.	Each, 1.00

## MAHONIA

**Aquifolia** (Holly-leaved Mahonia). A native species of medium size, with purplish, shining prickly leaves, and showy, bright yellow flowers in May, succeeded by bluish berries. Its handsome, deep green, glossy foliage and neat habit, render it very popular for decorative planting. 1 year, each 25c, 100, \$12.00; 2 year, each 30c; 3 year, each 40c, 100, \$25.00; 4 year, each 50c.

## MALUS (Pyrus)

**Arbutifolia** A beautiful species with dark brown bark, and green leaves that change to a beautiful scarlet in the fall. Bears scarlet berries. 2 to 3 ft., 40c.

**Bechtel's Double Flowering Crab** See also page 126. 3 to 4 ft., \$1.00; 4 to 5 ft. specimens, each \$2.00, \$2.50 and \$3.00.

**FLORIBUNDA** Single flower; beautiful carmine in bud; white when open. May. Fruit very ornamental in autumn. 4 to 5 ft., 85c.

**FLORIBUNDA ATROSANGUINEA** Flowers crimson, produced in great profusion. A charming variety. May. 3 to 4 ft., 60c; 4 to 5 ft., 85c.

**Parkmanni** A variety with beautiful semi-double rose colored flowers 3 to 4 ft., 85c.

## MORUS (Mulberry)

**Tartarica** (Russian). (20 to 25 ft.) Hardier in the northwest than all others. 6 to 8 ft., 40c; 7 to 9 ft., \$1.25 each.

**Tear Weeping** Tree 6 to 8 ft., with 3-year-old heads, each \$2.50; 3 for \$7.00; 12 for \$25.00.

## PHILADELPHUS OR SYRINGA (Mock Orange)

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty, compact bushes, useful for the front of shrubberies.

**Avalanche** (B.). New. The flowers are large, white, very sweet and produced in such profusion that their weight bends the long slender branches almost to the ground, producing a most wonderful effect as if the branches were loaded with new-fallen snow. 1 to 1½ ft., each 25c, 100 \$15.00; 3 ft., extra bushy, each 50c, 100 \$35.00.

**Coronarius** (A.) A grand old favorite shrub. Should be in every yard. Covered with sweet-scented white flowers in June, resembling those of the apple tree. 2 to 2½ ft., each 35c; 100 \$22.00; 3 to 4 ft., each 50c.

**Coronarius Aureus** Golden leaved Mock Orange, much prized for its bright effect. 10 to 12 inches, bushy, each 35c.

**Dianthiflorus f. pl.** (B.) A dwarf-growing variety, with double cream-colored fragrant flowers. 2 to 2½ ft., each 35c, 100 \$22.00; 3 ft. specimens, each 50c.

**Falconeri** A grace ul shrub with arching branches of pure white starry flowers. Very free-flowering. 2 to 2½ ft., each 30c, 100 \$18.00.

**Grandiflorus** (A.) (Large-flowered Syringa or Mock Orange). Without a doubt one of the most popular shrubs grown, and ought to be in every garden, no matter how small. Flowers are pure white, very large and it is one of the freest flowering of the genus. 1½ to 2 ft., each 25c; 100 \$15.00; 2 to 3 ft., each 35c, 100 \$22.00; 3 to 4 ft., each 50c, 100 \$35.00; 5 to 6 ft. specimens, each \$1.00.

## PHILADELPHUS OR SYRINGA—Continued

**Lemoinei Erectus** (B.) A charming variety of erect growth; creamy white fragrant flowers. 10 in., each 20c; 100 \$12.00; 2½ to 3 ft., spec.mens, each 50c; 100 \$35.00.

**Mont Blanc** Attaining 5 ft. in height, erect branches, entirely covered with large fragrant flowers. 2½ to 3 ft., each 45c.

**Nivalis** (A.) The stamens are cream-colored, thus rendering the whole flower snowy white. Flowers odorless. 1 to 1½ ft., each 25c; 2 to 3 ft., each 35c, 100 \$24.00.

**Speciosus** (A.) Large, pure white flowers. Very fine shrub. 3 to 4 ft., 35c; 4 to 5 ft. specimens, 75c.

**Zeheri** (A.) A large-flow red odorless variety; blooms very late. 4 to 5 ft., bushy, each 60c.

## PRIVET (See Ligustrum)

## PRUNUS

**BURBANK'S OTHELLO PLUM** A purple-leaved Plum. A useful fruit with splendid foliage. Our own introduction. A rare combination of the useful and the beautiful. A wonderful new fruit and ornamental tree; one of Luther Burbank's creations, of which we purchased the first and only tree in 1905.

The tree is an upright grower, and a prolific bearer; fruit deep crimson about one inch in diameter, ripening before the very earliest of ordinary plums.

The foliage is of the most brilliant reddish purple, and holds its color throughout the season. 2 to 3 ft., each 50c; Size A 2½ to 3 ft., each 60c; Size B 3 to 4 ft., each 85c; Size C 4 to 5 ft., each \$1.00; Size D 5 to 6 ft., each \$1.25.

**Pissardi** (A.) (Purple-leaved Plum). The finest purple-leaved small tree or shrub. The young branches are a dark purple; the leaves, when you g, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, late in autumn. The tree is covered early in the spring with small, single white flowers, which appear before the leaves. Beautiful as lawn specimens, or grouped with other shrubs and trees for foliage effect. 2 to 3 ft., 40c.

**Triloba** (B.) (Double-flowered Plum) Native of China. A very desirable addition to hardy shrubs; flowers double, of a delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; flowers in May. 2 to 3 ft., each 40c.

## PTELEA (Hop Tree)

**Trifoliata** A large shrub or small tree, of rapid growth and robust habit. Fruit winged, and in clusters, flowers in June. 1½ to 2 ft., each 25c; 3 to 4 ft., each 40c.

**Trifoliata Aurea** (A.) (Golden-leaved Hop tree) A round, low-growing tree with large trifoliate leaves, and with a glossy surface that brings out the rich, solid yellow of the leaves, as if varnished. Useful in a lawn border or group. 3 to 4 ft., 50c; 5 to 6 ft. specimens, 75c.

## RHAMNUS (Buckthorn)

**Catharticus** (A.) A fine, robust shrub, with dark, green foliage, white flowers and small black fruit. A popular hedge plant. 1 to 1½ ft., each 20c, 100, \$12.00; 2 to 3 ft., each 30c, 100 \$18.00; 5 ft., each 40c, 100 \$25.00; 5 to 6 ft. specimens, each 60c.

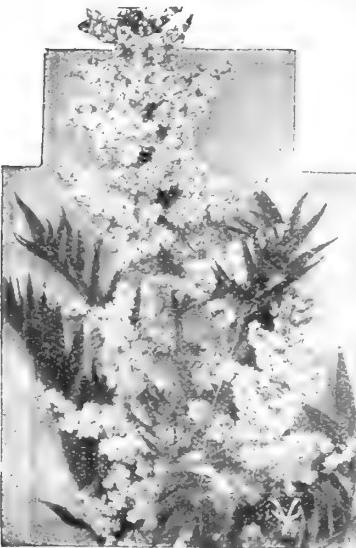
**Frangula** (B.) (Alder Buckthorn) A valuable and decorative species of erect habit with glossy leaves and black berries. Its long black branches speckled with white are very attractive in winter. 1 to 1½ ft., 25c; 5 to 6 ft., specimens, 65c.

**Imeritina** (B.) A variety remarkable for its foliage. The leaves are dark and sometimes reach a length of nine inches, assuming a rich bronze tint when full grown. 2 ft., each 50c; 3 ft., each 60c.

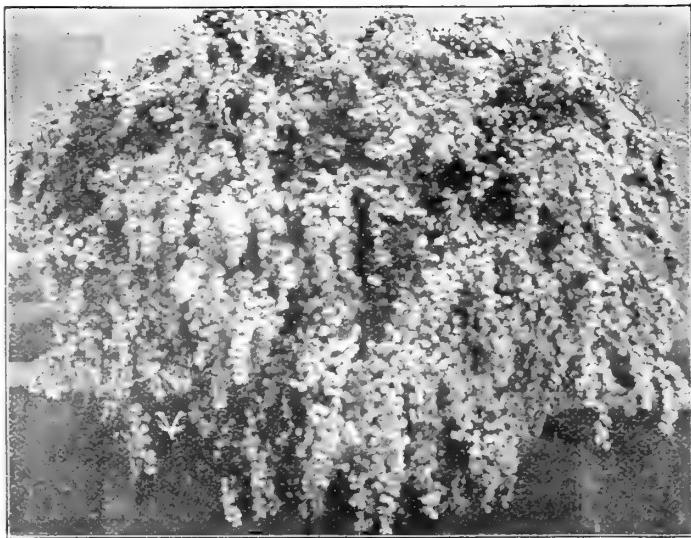
**Purshiana** (B.) A rare shrub, valuable for its long dark leaves and red berries which turn to black in the fall. 4 to 5 ft., 65c.

## RHODOTYPUS (White Kerria)

**Kerrioides** (C.) A very ornamental Japanese shrub of medium size with handsome foliage and large singe white flowers in the latter part of May, succeeded by numerous small fruits. 1½ ft., 25c; 3 ft., 50c; 4 to 5 ft., specimens, each 60c and 75c.



SPIRAEA SORBIFOLIA



SPIRAEA VAN HOUTTEI (Bridal Wreath)



SPIRAEA BILLARDII

**RHUS COTINUS (Purple Fringe, or Smoke Tree)**

A common old shrub that is known under the name of "Purple Fringe," or "Smoke Tree," but rarely seen in perfection because of bad pruning. In good soil and allowed to develop naturally, it is exceedingly ornamental. 3 to 4 ft., 45c; 4 to 5 ft., specimens, 75c.

**Rhus Glabra** (Smooth Sumach). Very effective in autumn with its crimson seeds and foliage. 3 to 4 ft., 45c; 8 to 10 ft., each \$1.00 and \$1.25.

**R. Glabra Lacinata** (Cut-leaved Sumach). A very striking plant, of moderate size, with deeply cut leaves resembling fern leaves; dark green above and glaucous below, and turning to a rich red in autumn. 1½ to 2 ft., 40c; 2 to 3 ft., 50c.

**R. Typhina** (Staghorn Sumach). A large shrub or tree, brilliant foliage and scarlet fruit in autumn. 3 to 4 ft., 40c.

**Rhus Typhina Lacinata**. (Fern-leaved Staghorn Sumach). As its name indicates, the branches resemble the elk's horn while developing, and it is one of the most tropical-looking native shrubs we possess. The foliage is finely cut and as beautiful as a tree fern. A rare novelty originating in the White Mountains. Attains height of 20 ft., but is generally used as a shrub. It turns a golden yellow in the fall. 2 to 3 ft., each 50c.

**RIBES, OR FLOWERING CURRANT**

**Alpinum.** (B) An attractive shrub with fragrant golden-yellow flowers and deep scarlet fruit. 2½ ft., bushy, 40c.

**Aureum.** (B) (Yellow-flowering, or Missouri Currant.) A native species, with glabrous shining leaves and yellow flowers. June and July. 2 to 3 ft., each 20c; 100 \$10.00. 3 to 4 ft., each 30c; 100 \$15.00. 4 to 5 ft., each 40c; 100 \$25.00. 5 to 6 ft., specimens, each 60c; 100 \$40.00.

**Gordonianum.** (B) (Gordon's Currant.) A hybrid between Aureum and Sanguineum. Hardy and profuse blooming shrub. Flowers crimson and yellow in pendant bunches in May. 2 to 3 ft., 35c; 3 to 4 ft., 45c.

**ROBINIA HISPIDA (Rose Acacia) (A)**

A very handsome shrub. The branches closely resemble those of a Moss Rose. The leaves are similar to those of the Locust. In June and July long panicles of rose-colored flowers hang from the branches. 2 to 3 ft., 50c.

**RUGOSA ROSES and THEIR HYBRIDS (See Roses)**

**Rosa Rubiginosa** (English Sweet Briar) (See Roses)

**Rosa Rubrifolia** (Purple Leaved Rose) (See Roses)

**SALIX (Willow)**

The Willows will grow anywhere, but do best in rich moist soil. They are particularly valuable as among the few trees that will endure the harsh winds of the seacoast. None is better than the Laurel-leaved.

**Babylonica.** (Weeping Willow.) The stock we offer is grown to bush form to be used not as a tree, but as a shrub. Strong, bushy plants. 2 to 3 ft., each 25c; 100 \$12.00; 4 to 5 ft., each 35c; 100 \$18.00.

**Discolor.** (Pussy Willow.) Forms a small tree. Catkins, very numerous, appearing before the leaves in early spring. Very handsome. 5 to 6 ft., each 50c.

**Japonica.** This has broad, shining green leaves, quite ornamental. 2 to 3 ft., each 15c; 100 \$9.00; 3 to 4 ft., each 30c; 6 to 8 ft., specimens, each 50c.

**Laurifolia.** (Lauri-leaved Willow.) A rapid grower, erect form, with broad, glossy, dark green leaves; admirable for sea-shore and narrow streets. 1½ to 2 ft., 20c; 2 to 3 ft., 25c; 8 to 10 ft., 60c.

**Regalis.** (Royal Willow.) Elegant tree, with rich, silvery foliage. 2 to 3 ft., 20c.

**Rosmarinifolia.** (Rosemary Willow.) This has quite small light green foliage and slender twigs. Desirable ornamental lawn tree. 2 to 3 ft., 20c; 4 to 5 ft., 60c.

**Uralensis.** Another beautiful Willow with fine foliage. Strong bushes. 2 to 2½ ft., extra bushy, 40c.

**Viminalis.** (Osier Willow, Basket Willow.) A large bush with slender, straight branches, often used for tying material. 2 to 3 ft., 25c each; \$12.00 per 100.

**Vitellina Purpurea.** (Purple Osier.) A Red or Purple barked variety, height 5 to 10 ft., and an erect grower and native of Europe. 2 to 3 ft., 25c.

**Wisconsin Weeping.** Of drooping habit and harder than Babylonica. Valuable on account of its resistance to severe cold. 3 to 4 ft., each 25c; 100 \$12.00.

**SAMBUCUS (Elders)**

Much in demand for the beautiful leaves. The flowers and fruits are also showy and attractive. Grows well anywhere needs pruning to keep it in shape.

**Aurea.** (A) (Golden-leaved.) The golden foliage of this makes it in much demand. It makes a showy appearance when planted in shrub beds. 1½ to 2 ft., each 25c; 100 \$12.00; 2 to 3 ft., each 35c; 100 \$25.00; 4 ft., each 50c; 6 ft., specimens, each \$1.00.

**Aurea Variegated.** (Golden Variegation.) Leaves yellow and green. 3 to 6 ft., specimens, 65c.

**Lacinata.** (A) (Cut-leaved.) Has finely dissected leaves. 2 to 3 ft., each 30c; 100 \$15.00; 3 to 4 ft., each 45c; 5 to 6 ft., specimens, each 75c.

**Nigra.** (The Black Elder.) 2 to 3 ft., 30c.

**Pubens Maxima.** (New.) This new Elder is a splendid acquisition, producing in June and early July, immense heads of deliciously, hawthorn scented, white flowers. 4 to 6 ft., each 75c.

**SNOWBALLS (See Viburnum)****SPIRAEA**

The Spiraeas' are all elegant, low shrubs, of the easiest culture, and their blooming extends over a period of three months.

**Anthony Waterer.** (B) (Perpetual-blooming Red Spiraea.) A fine, hardy perpetual-blooming shrub, very desirable for the lawn. Makes nice, round bushes 3 ft. high and wide; beginning to bloom almost as soon as planted; rose red flowers in large, round, clusters all over the bush. 1½ to 2 ft., 35c.

**Arguta multiflora.** (B) Dwarf, drooping habit; flowers pure white, commencing to bloom in June; fine foliage. 2 to 2½ ft., 35c; 3 to 4 ft., specimens, 65c.

**Billardii.** (B) Pink flowers; blooms nearly all summer. It is a grand subject for planting in masses, and makes a good cut flower. 1 to 1½ ft., each 15c; 100 \$7.00; 1½ to 2 ft., each 20c, 100 \$12.00; 3 to 4 ft., each 30c, 100 \$20.00; 4 to 5 ft., each 45c, 100 \$25.00; 5 to 6 ft., specimen, each 75c.

**Bumalda.** (B) Light rose flowers. 1 ft., 20c; 2 ft., extra bushy, 45c.

**Callosa alba.** (C) Dwarf white Spiraea of bushy, symmetrical form. Keeps in flower all summer. A valuable small shrub. 1½ ft., bushy, 45c; 2 ft., bushy, 50c; 3 ft., bushy, 65c.

**Callosa Froeheli Variegata.** A variegated leaved free flowering variety, flowers rose. 1 ft., bushy 25c; 3 ft., 45c.

**Callosa Rubra.** Flowers deep rose. 3 to 4 ft., extra bushy, 60c.

**Fortunei Rosa.** (B) Dark pink flowers, grows 5 to 6 ft. high. 4 to 5 ft. 60c.

**Opulifolia aurea.** (B) (Golden-leaved Nine Bark.) An interesting variety, with golden-yellow tinted foliage, and double white flowers in June. Very conspicuous. 1½ to 2 ft., each 30c; 100 \$15.00; 2 ft., each 35c, 6 to 7 ft., specimens, each \$1.00.

**Reevesii or lanceolata.** (Lance-leaved Spiraea.) A charming shrub with narrow, pointed leaves, and large, round clusters of white flowers that cover the whole plant, and render it exceedingly effective. Blooms in June. 3 to 4 ft., 50c; 4 ft., specimens, 75c.

**Sorbifolia.** (B) A vigorous species, with leaves like those of the Mountain Ash, and long, elegant spikes of white flowers in July. 3 to 4 ft., 50c; 100 \$35.00; 4 ft., specimens, each 85c.

**Thunbergii.** (B) One of the first bloomers; pure white flowers. 18 to 24 in., bushy, 35c; 2 to 3 ft., 45c; 3 to 4 ft., specimens, 75c.

**Van Houttei Bridal Wreath.** (B) A splendid garden shrub, entirely hardy, and one of the most beautiful of all; immense bloomers; pure snow-white flowers. 1 to 2 ft., each 20c; 100 \$10.00; 2 to 3 ft., each 25c, 100 \$15.00; 2 to 3 ft., strong, each 30c; 100 \$18.00; 3 ft., strong, each 40c, 100 \$20.00; 4 ft., strong, each 50c; 100 \$25.00; 5 to 6 ft., specimens, each 75c.

**STEPHANANDRA FLEXUOSA (C)**

A very hardy shrub, resembling the Spiraea; flowers white; blooms in July and August. One of the most desirable of the dwarf shrubs, with branches and leaves from the ground; neat and ornamental hedge plant. 1½ to 2 ft., each 45c; 3 ft., specimens, 75c.

### Vaughan's Selection of Shrubs for Hedges

Bush Honeysuckle, *Hydrangea Paniculata Grandiflora*, Japan Barberry, Japan Quince, Lilacs, Privet Ibot, Rhamnus Catharticus, *Ribes Alpinum*, *Rosa Rugosa*, *Spiraea Anthony Waterer*, *Spiraea Bumalda*, *Spiraea Van Houttei*.

### Regarding Prices

for 3 and a dozen of a kind, see page 123.



TAMARIX



SNOWBALL



HIGH BUSH CRANBERRY

### TAMARIX—Continued

**SYMPHORICARPUS (St. Peter's Wort, or Waxberry)**  
Small native shrubs much used in shaded places and in open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 ft. in height, have small leaves and slender branches.

**Heyeri. (B)** Handsome shrub; blooms freely when small; flowers pretty pink in July and August; berries white. 1½ to 2 ft., each 25c; 100 \$15.00; 2 to 3 ft., each 35c; 4 ft., each 50c.

**Occidentalis.** (B) One of the prettiest of the Snowberries; growth strong and drooping; leaves large; flowers reddish white. 18 to 24 in., 30c; 3 to 4 ft., 45c.

**Racemosus. (B)** (Snowberry.) July and August. Small red flowers, succeeded by abundant white berries. 2 to 3 ft., 35c; 3 to 4 ft., 45c; 4 ft., specimens, 60c.

**Vulgaris. (B)** (Indian Currant.) A shrub of very pretty habit. Foliage, flowers and fruit small; fruit purple, hangs all winter. 2½ to 3 ft., 35c; 3 to 4 ft., 45c; 4 ft., specimens, 60c.

**Vulgaris Foliis Variegatis. (C)** Same as the Vulgaris, except in foliage, which is green and white; ornamental shrub. 2½ to 3 ft., 35c; 3 ft., bushy, 45c; 3 to 4 ft., specimens, 60c.

### TAMARIX (B)

Shrubs of strong but slender, upright growth; clothed in foliage as light and feathery as that of the asparagus. Their delicate fringed flowers are usually some warm shade of pink or red and very ornamental at the back of shrubbery borders and valuable for seaside planting.

**Africana.** Handsome foliage; pink flowers; blooms in May. 2 to 3 ft., each 20c; per 100, \$10.00; 3 to 4 ft., 30c.

**Amurensis.** A splendid new hardy variety, with silky pink tassels; flowers all summer. 2 to 3 ft., 20c; 100 \$1.00; 3 to 4 ft., each 35c.

**Gallica.** Foliage fine and feathery on long slender branches that are covered their entire length with bright pink plume-like flowers. 3 to 5 ft., 35c.

**Hispida Aestivallis.** A new variety of vigorous growth. In May the branches are covered half their length with numerous bright carmine-pink flowers. Blooms for a long time. Awarded first prize at the Paris International Exposition in 1900. 2 to 3 ft., 40c.



SNOWBERRY

WEIGELIA

**Indica.** Handsome shrub, with fine foliage, like that of the Juniper. Valuable for planting in sand and soil that few plants will do well in; small pink flowers. 2 to 3 ft., 30c; 4 to 6 ft., specimens, 65c.

**Odessana.** An improvement on Africana, having longer racemes of flowers. 18 to 24 in., 25c.

**Tetrandra Purpurea.** A mass of purplish pink flowers in June and July. 3 to 4 ft., 35c; 6 ft., specimens, 65c.

### VIBURNUM

**Acerifolium. (C)** (Maple Leaved Viburnum.) A low growing shrub, white flowers in May, followed by black berries in the fall. 1½ to 2 ft., 40c.

**Cassinoides. (B)** (White Rod.) A medium-growing, upright shrub, nicely furnished with foliage of a dull green. The yellowish white flowers are followed by an abundant crop of fruit which changes in coloring from green to red and black. A very popular variety; increasing in use. 3 ft., bushy, 50c.

**Dentatum. (B)** May and June. A free-flowering shrub, especially admired for the abundance of its scarlet fruits that cling to the branches a long time. 3 to 4 ft., bushy, 50c.

**Lantana. (A)** (Early White Lantana-leaved Viburnum.) Large, robust shrub, with soft, heavy leaves, and large clusters of white flowers in May, succeeded with red fruit; retains its foliage very late. 1½ to 2 ft., 40c.

**Molle.** A variety similar to V. Dentatum, but differing from that variety by having larger foliage, is a more robust grower and flowers two to three weeks later. 2 to 3 ft., extra bushy, each 50c.

**Opulus. (A)** (High-Bush Cranberry.) May. Spreading habit. Single white flowers borne in flat, imperfect clusters followed by clusters of red berries that cling to the leafless branches all winter. 18 to 24 in., 25c; 2 to 3 ft., 40c; 3 to 4 ft., 60c; 5 ft., specimens, 75c.

**Plicatum.** (Japanese Snowball.) This Japanese variety of the old-fashioned Snowball is one of the most valuable of our hardy shrubs. It forms an erect, compact bush, 6 to 8 ft. high. It blossoms in early June, when the plant is completely covered from the ground to the top of the branches with large balls of flowers as white as snow. 2 to 3 ft., 35c; 3 to 4 ft., 50c; 4 to 5 ft., 60c.

**Sterilis.** (Old Fashioned Snowball.) Too well known to require any description. 1½ to 2 ft., 25c; 2½ to 3 ft., each 35c; 100 \$25.00; 4 ft., each 50c; 100 \$35.00; 4 to 5 ft., specimens, each 75c and \$1.00; tree form, 4 ft. stem, each 75c.

**Tomentosum. (B)** (The single form of the beautiful Japan Snowball.) Flowers pure white, in great profusion early in June. Perfectly hardy; vigorous and free-blooming; very desirable. 2 to 2½ ft., 50c.

### WEIGELIAS (Diervilla) (B)

These shrubs bloom after the lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, colors from white to red, and borne in clusters thickly along the branches.

**Amabilis.** Of robust habit. Large foliage and pink flowers. Blooms freely in the autumn. Distinct and beautiful. 3 ft., 35c.

**Amabilis Alba.** White form of the above. 1 to 2 ft., 25c.

**Candida.** White flowering Weigelia, flowering throughout the summer. 1½ to 2 ft., 25c; 2 to 3 ft., 30c; 5 to 6 ft., specimens, 75c.

**Eva Rathke.** A charming new Weigelia. Flowers brilliant crimson; flowering throughout the summer. The best of all Weigelas. 3 ft., 30c; 3 to 4 ft., 40c.

**Floribunda.** Fine variety, flowers dark red. A profuse bloomer. 3 to 4 ft., 50c.

**Nana Variegata. (C)** One of the most conspicuous shrubs; leaves beautifully margined, creamy white; flowers pink. A dwarf grower and admirably adapted to small lawns or gardens. 2 to 3 ft., 40c.

**Rosea.** A beautiful shrub, with rose-colored flowers in May and June. 2 to 3 ft., 30c; 3 to 4 ft., 40c; 4 to 5 ft., specimens, 75c.

**Sessilifolia.** A native shrub, 3 to 4 ft. high, of somewhat spreading growth bearing terminal, loose heads of yellow flowers in July, continuing for some weeks. 1 to 1½ ft., 30c; 2 to 2½ ft., 40c.

### WILLOW (See Salix)

### XANTHOCERAS SORBIFOLIA (A)

**May.** A rare shrub with stout, upright branches, pinnate foliage and slender panicles of white flowers that are blotched with yellow and red. Hardy, but dies down to the ground in winter; new growth in spring. Valued for solitary planting. 3 year old, 45c.

## SHADE AND ORNAMENTAL TREES



AMERICAN ELM



WEIR'S CUT-LEAVED MAPLE

BIRCH (*Betula*)

- B. Alba Laciata.** European White Weeping Birch. A graceful tree, with silvery bark and slender branches. Quite erect when young, but after four or five years growth assumes an elegant drooping habit, rendering the tree very effective in landscapes. 8 to 10 ft, each \$1.50.  
**B. Alba Purpurea.** Rich dark purple foliage, graceful pendulous habit. Very ornamental. Pyramids 3 to 5 ft, each \$1.25.  
**B. Lenta.** (Sweet Bark or Cherry Birch.) A native tree with dark brown bark and bronze-reddish twigs. Leaves somewhat heart shaped. Thrives in low as well as high ground. 8 ft, extra fine trees, each \$1.50.

## BOX ELDER (Ash-Leaved Maple)

Of quick growth and irregular, spreading form. 6 to 8 ft, each 75c; 3 for \$2.00; 10 to 12 ft, 2½ to 3-inch caliper, each \$2.50.

## CATALPA

- C. Bungeii.** Grafted tops on straight stems, forming a pretty dome-shaped head of great soft, heavy leaves. 6 ft, 1-year heads, each \$1.25; 6 ft, 2-year heads, each \$1.50; 8 ft, 5 to 6-year heads, each \$5.00 and \$6.00.  
**C. Kaempferi.** Japan Catalpa. A species of rapid growth, with deep green, glossy foliage. Flowers fragrant, cream-colored, speckled with purple and yellow; seed pods long and very narrow; two weeks later than *syringaeifolia*. 7 to 8 ft, 65c; 3 for \$1.80; doz. \$7.00; 8 to 10 ft, 75c; 3 for \$2.10; doz. \$8.00.  
**C. Speciosa.** White flowers, edged with violet and dotted with purple and yellow. 8 to 12 ft, 75c; 3 for \$2.10; doz. \$8.00; 12 ft, 3-inch caliper, \$3.00 each; 12 to 14 ft, 4-inch caliper, \$4.00 each.  
**C. Syringaeifolia.** Common Catalpa. Native of the Southern States. A showy, rapid growing, spreading, irregular tree, with very large, heart-shaped leaves, and pyramidal clusters, a foot long, of white and purple fragrant flowers. 7 to 8 ft, 75c; 3 for \$2.10; doz. \$8.00.

## CRAB (Malus)

- M. Floribunda.** Single flower; beautiful carmine in bud; white when open. May. Fruit very ornamental in autumn. 7 to 8 ft, \$3.50; 3 for \$10.00.  
**M. Floribunda Atrosanguinea.** Flowers crimson, produced in great profusion. A charming variety. May. 7 to 8 ft, \$3.50; 3 for \$10.00.  
**M. Scheideckeri.** A fine variety recently introduced from Germany. Flowers quite double, red in bud, changing to pink or rose color. 7 to 8 ft, \$3.50; 3 for \$10.00.

**Crab Apple.** Bechtel's Double. See page 124.

ELM (*Ulmus*)

- American.** The ideal street tree. We offer fine shapely trees. 6 to 9 ft, each 75c; 3 for \$2.10; doz. \$8.00; 7 to 9 ft, 1½-inch caliper, each \$2.00; 7 to 9 ft, 2-inch caliper, each \$2.50; 10 to 12 ft, 2½-inch caliper, each \$3.00; 10 to 12 ft, 3-inch cal., each \$4.00; 10 to 12 ft, 4-inch cal., each \$6.00, \$7.00 and \$8.00.

**Campestris.** (English Elm.) A great shade or lawn tree, with deep rich, broad green leaves. Pyramids, 5 to 6 ft, each 75c.

**Campestris Monumentalis.** A slow growing variety, forms a straight dense column, reminding one of a Lombardy Poplar. Very distinct and beautiful. 10 to 12 ft, each \$3.50.

**Horizontalis.** Similar to the Camperdown Elm, but the branches grow straight out from the main stem (hence the name), instead of growing down. Trees with 8 ft, clear stem, 3-year heads, each \$6.00.

**Purpurea.** (Purple leaved.) A variety with large purple leaves, in the spring, changing to dark green as the season advances. 8 to 9 ft, 2 to 2½-inch caliper, each \$3.50.

HORSE CHESTNUT (*Aesculus*)

- A. Hippocastanum.** A large tree, excellent for lawn or street planting; flowers white, tinged red; very showy when in flower. 8 to 10 ft, each \$1.50.

## JUDAS TREE (Red Bud)

It blooms in early spring. Its masses of small delicate rosy red flowers create the leafless branches so quickly as to give very fine contrasts and cheery spring effect. 6 to 8 ft, each \$1.00.

LINDEN (*Tilia*)

- T. Americana.** American Linden. A fast growing, upright, close-headed native, with large leaves and fragrant flowers. Grows well in light soil. 8 ft, 1½-inch caliper, each \$1.50; 8 to 10 ft, 2½ to 3-inch caliper, each \$4.00.

**Americana Alba Pendula.** (White leaved Weeping Linden.) A beautiful tree with large foliage and slender drooping branches. One of the finest of the Lindens. 10 ft, each \$4.00.

**T. Europaea.** European Linden. **B.** A very fine pyramidal tree of large size, with large leaves and fragrant flowers. 8 ft, \$2.00; 3 for \$5.50.

ALDER (*Alnus*)

- A. Glutinosa.** European or Common Alder. A remarkably rapid growing tree, attaining a height of from thirty to sixty feet. Foliage roundish, wedge-shaped and wavy. This species is specially adapted to moist situations. 6 to 9 ft, 75c; 3 for \$2.00; doz. \$7.75.

ASH (*Fraxinus*)

- F. Americana.** American White Ash. A fine tree that produces large clusters of greenish white flowers on the ends of the branches in June. 8 to 10 ft, each 50c; 3 for \$1.35; doz. \$5.00; 10 to 12 ft, each 75c; 3 for \$2.00; doz. \$7.75; 12 ft, 2-inch caliper, each \$2.00; 12 ft, 2½ to 3-inch caliper, each \$3.00.

**F. Excelsior.** European Ash. A lofty tree, of rapid growth, with spreading head and gray bark, pinnate leaves and black buds. 8 to 10 ft, each 50c; 3 for \$1.35; 100 \$5.00.

**F. Excelsior Pendula.** (European Weeping Ash.) With 8 ft, clear stem, 3 to 4 yr. old heads, 2 to 3-inch caliper, each \$6.00.

**F. Viridis.** (Green Ash.) 6 to 8 ft, each 50c; 3 for \$1.35; doz. \$5.00.

MAPLE (*Acer*)

- Dasycarpum.** (Silver Maple.) A fast grower, makes a dense shade and thrives in any kind of soil. We offer fine, straight, clear trees with high tops for street planting. 10 to 12 ft, each \$1.25; 12 to 14 ft, each \$1.75.  
**Dasycarpum, Weir's Cut-Leaved Silver Maple.** Partly drooping habit and finely divided leaves, it is a rapid grower and is an excellent lawn tree. 12 to 14 ft, 3-inch caliper, each \$5.00; 14 ft, 4 to 5-inch caliper, each \$7.00.  
**Platanoides.** (Norway Maple.) Handsome round-headed tree. Excellent for lawns where a spreading tree is wanted. 12 ft, each \$2.00; 8 to 10 ft, 1½-inch caliper, each \$2.75; 8 to 10 ft, 2½-inch caliper, each \$3.00 and \$4.00.  
**Schwedleri.** (Purple Norway Maple.) Foliage bright crimson in early spring, changing to purplish green in the fall. 10 ft., each \$2.50; 8 to 10 ft., 2 to 2½-inch caliper, each \$3.00, \$4.00 and \$5.00.

MOUNTAIN ASH (*Sorbus*)

- European Mountain Ash.** A small, pretty tree with pinnate leaves, laden until winter with large clusters of red berries. Examine for borers in spring and autumn. 7 to 8 ft, \$1.00; 3 for \$2.75.  
**Golden-Leaved Mountain Ash.** A handsome variety, foliage bright yellow. Very effective. 7 to 8 ft, each \$1.00; 10 ft, 2½-inch caliper, each \$4.00; 10 ft, 3-inch caliper, each \$5.00.  
**Weeping European Mountain Ash.** A beautiful variety of rapid growth and decidedly pendulous and trailing habit. 6 ft, each \$1.00.

MULBERRY (*Morus*)

- M. Tartarica.** Very hardy, vigorous grower, fruit of small size, varies in color from white to black. 6 to 8 ft, each 75c.  
**M. Tartarica Pendula.** (Teas' Weeping Mulberry.) The most beautiful weeping tree of recent introduction. The slender branches grow downward parallel with the stem, forming an umbrella-like shape. All who have seen it agree that in light, airy gracefulness, delicacy of form and motion, it is without a rival. It undoubtedly takes the foremost place among weeping trees; it has beautiful foliage, is hardy, enduring the cold of the north and the heat of the south. Trees, 6 to 8 ft, with 3-year old heads, each \$2.50; 3 for \$7.00; 12 for \$25.00.

PLANE (*Platanus*)

- P. Occidentalis.** A favorite avenue tree; it forms a large spreading tree. Recommended when a fast growing tree is wanted. 6 to 8 ft., each 75c; 3 for \$2.10; doz. \$8.00; 8 to 10 ft., 2-inch caliper, each \$2.00; 8 to 10 ft., 3-inch caliper, each \$3.00.

## POPLAR

- As a class the Poplars grow fast, cost little and are quickly effective.  
**Asiatic Poplar.** A rapid growing tree of pyramidal habit; leaves medium to large, cordate, light green, changing to dark green. 8 to 9 ft, each 75c; 3 for \$2.00; doz. \$7.50.  
**Carolina Poplar.** Of rapid growth. Very desirable when quick shade is wanted. 6 to 8 ft, each 35c; 3 for 90c; doz. \$3.25; 10 to 12 ft, each 75c; 3 for \$2.00; doz. \$7.50; 10 to 12 ft, 2-inch caliper, each \$1.50.  
**Lombardy Poplar.** Of upright compact habit, very distinct. 6 to 8 ft, each 35c; 3 for 90c; doz. \$3.00; 8 to 9 ft, each \$1.25.  
**Van Geert's Golden Poplar.** Has fine golden yellow foliage. 7 to 9 ft, each 75c; 3 for \$2.10; doz. \$8.00.

THORN APPLE (*Crataegus Carrierii*)

- Thorn Apple.** (*Crataegus Carrierii*.) Foliage dark, glossy green; fruit large, dark red, showy, and remains on the tree long into the winter. 10 ft, each \$3.00 and \$4.00.

TREE OF HEAVEN (*Ailanthus*)

- A. Glandulosa.** A lofty, rapid growing tree from Japan, with long elegant feathery foliage. One of the most distinct of ornamental trees. 5 to 8 ft, each 75c; 3 for \$2.00; doz. \$7.00.

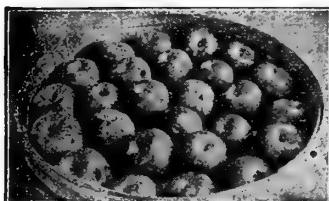
TULIP TREE (*Liriodendron*)

- L. Tulipifera.** Tulip tree or Whitewood. A magnificent native tree, of tall, pyramidal habit, with broad, glossy, fiddle-shaped leaves of a light green color, and beautiful tulip-like flowers; allied to the Magnolias, and, like them, difficult to transplant, unless of small size. 6 ft, extra fine trees, \$1.50.

WALNUT (*Juglans*)

- J. Japonica.** (Japan Walnut.) Hardy, rapid grower, bears young and abundantly; worthy of extensive planting. 3 to 4 ft, each 65c; 3 for \$1.75; doz. \$6.50; 6 to 8 ft, extra strong, each \$2.00 and \$3.00.

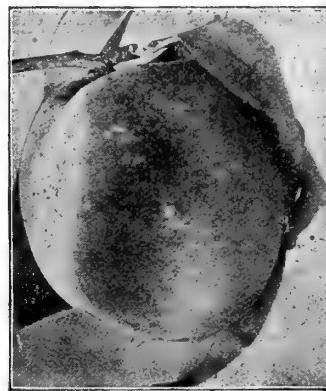
- J. Nigra.** Black Walnut. A native species of great size and majestic habit. Bark very dark and deeply furrowed. Foliage beautiful, each leaf being composed of thirteen to seventeen leaflets. 6 to 8 ft, each \$1.00.



APPLE, YELLOW TRANSPARENT



PEAR, KIEFFER



PEACH, ELBERTA



APPLE, BEN DAVIS

Certificate of Inspection, showing freedom of our stock from San Jose and other injurious insects and diseases, will be attached to all freight and express shipments.

## CHOICE FRUIT TREES

### APPLE TREES

**Alexander.** A very large and beautiful apple; color deep; quality medium; very hardy; a medium bearer and moderate grower. September and October. Extra strong, 8 to 9 ft, \$1.25 and \$1.50 each.

**Baldwin.** Large, bright red, crisp, juicy, and rich. Tree vigorous, upright and productive. One of the most popular and profitable sorts for either table or market. December to March. 4 to 6 ft, 40c; 7 to 8 ft, selected, 75c; 7 to 9 ft, extra strong, \$1.25 and \$1.50.

**Ben Davis.** Large, handsome shaped, valuable winter apple. 4 to 6 ft, 40c; 7 to 9 ft, extra strong, 75c and \$1.00.

**Bismarck.** Dwarf growing, early bearing, 3-year-old fruit trees. 4 to 5 ft, 60c. **Duchess of Oldenburg.** Yellow and red, juicy. Autumn. Each 4 to 6 ft, 40c; 6 to 7 ft, 75c; 7 to 8 ft, extra strong, \$1.25.

**Early Harvest.** Of medium size; color pale yellow; flavor mild; a good bearer; one of the first to ripen. End of August. 4 to 5 ft, 40c.

**Crimes Golden.** Good size, yellow; of highest quality. Very productive. September. 4 to 6 ft, 40c; 6 to 7 ft, 75c; 7 to 8 ft, extra strong, \$1.00.

**Jonathan.** Medium, red; extra quality. Winter. Each, 4 to 6 ft, 40c.

**Maiden's Blush.** Pale yellow with red cheeks; flavor tender and pleasant; a free grower and good bearer. Valuable market sort. September and October. 4 to 6 ft, 40c; 7 to 8 ft, extra strong, 75c and \$1.00.

**Northern Spy.** Large, striped, sub-acid. Winter. Each, 4 to 6 ft, 40c.

**Northwestern Greening.** Hardy, yellow, rich and good keeper. Winter. Each, 4 to 6 ft, 40c; 6 to 7 ft, selected, 75c; 7 to 8 ft, extra strong, \$1.00.

**Red Astrachan.** Large beautiful deep crimson; one of the best summer apples. Each, 4 to 6 ft, 40c; 6 ft, selected, 75c; 7 ft, extra strong, \$1.00.

**Salome.** Medium and uniform size, good quality, long keeper. Winter. 4 to 6 ft, 40c; 7 ft, selected, 75c; 7 to 8 ft, extra strong, \$1.00 and \$1.50.

**Snow.** (Fameuse.) Deep crimson, medium, flesh white, of best quality. 4 to 5 ft, 40c.

**Tolman Sweet.** Medium, yellow and red, rich. Winter. Each, 4 to 6 ft, 40c; 7 ft, selected, 75c; 8 ft, extra strong, \$1.00.

**Walbridge.** Handsome striped, red medium. Winter. Each, 4 to 6 ft, 40c; 7 to 9 ft, extra strong, \$1.00, \$1.25 and \$1.50.

**Wealthy.** Large red, sub-acid, productive. Winter. Each, 4 to 6 ft, 40c; 7 ft selected, 85c; 7 to 8 ft, extra strong, \$1.00, \$1.25 and \$1.50.

**Wine-Sap.** Large, deep red, a good keeper; quality medium, a moderate grower and good bearer. Succeeds well in the west. December to May.

**Each, 4 to 5 ft, 50c; 5 to 6 ft, 75c.**

**Wolf River.** Large yellow striped and shaded red, juicy. Winter. Each, 4 to 6 ft, 40c; 6 ft, selected, 60c; 7 ft, extra strong, 75c.

**Yellow Transparent.** Earliest and best, white, tender and juicy; sub-acid; late summer. Each, 4 to 5 ft, 40c; 5 to 6 ft, 60c; 6 to 7 ft, selected, 75c; 7 to 8 ft, extra strong, \$1.00, \$1.25 and \$1.50.

### CRAB APPLE TREES

**Hyslop.** Large, deep crimson; one of the most beautiful of Crabs. October. 4 to 6 ft, 40c; 7 ft, selected, \$1.00; 7 to 8 ft, extra strong, \$1.25 and \$1.50.

**Siberian.** Large, golden yellow; very popular. September. Each, 4 to 6 ft, 40c; 6 to 7 ft, 75c.

**Transcendent.** Immensely productive, bright red; one of the most popular. September and October. 4 to 6 ft, 40c; 6 to 7 ft, 75c; 8 to 9 ft, extra strong, \$1.00 and \$1.25.

**Whitney.** One of the largest, glossy green splashed carmine. Firm, juicy, pleasant, great bearer. August. 4 to 6 ft, 40c; 6 to 7 ft, selected, 75c; 7 to 8 ft, extra strong, \$1.00 and \$1.50.

### CHERRY TREES

**Black Tartarian.** Large, black, juicy, rich. Last of June. Each, 5 to 7 ft, 50c.

**Dyehouse.** Very early and sure bearer; ripens a week before Early Richmond. June. Each, 4 ft, extra bushy, 60c; 5 ft, selected, \$1.00; 4 to 5 ft, dwarf, 75c; 6 ft, extra strong, \$1.25 and \$1.50.

**Early Richmond.** Dark red, juicy, rich acid, good, hardy bearer. June. Each, 2 ft, 25c; 4 to 5 ft, 75c; 4 to 5 ft, dwarf, 60c.

**English Morello.** Fair size, blackish red, rich acid, juicy, good. August. Each, 3 to 4 ft, 40c; 4 to 5 ft, 50c; 4 to 5 ft, dwarf, 75c; 5 ft, dwarf, extra strong, \$1.00; 5 to 6 ft, extra strong, \$1.00.

**Gov. Wood.** Large, bright red, sweet and juicy. June. Each, 6 ft, 75c.

**Montmorency.** Large, red, acid, about 10 days later than Early Richmond. Very prolific and hardy. Each, 4 to 5 ft, 60c; 4 to 5 ft, dwarf, 75c and \$1.00.

**Windsor.** The fruit is very large, of dark liver color, good quality; very hardy. July. 4 to 5 ft, 50c.

**Wragg.** Dark purple, fine quality; medium. July. Each, 4 to 5 ft, 50c; 7 to 8 ft, extra strong, 75c and \$1.00.

### PEACH TREES

**Crawford's Early.** Large yellow; of excellent quality. Very vigorous and prolific.

**Crawford's Late.** Very large and productive, yellow; ripens about the close of the peach season.

**Crosby.** One of the hardest; abundant bearer, bright yellow. September.

**Elberta.** Large, yellow; one of the leading market varieties. September.

**Triumph.** Earliest yellow-fleshed peach, sure and abundant bearer; fruit yellow with red and crimson cheeks.

**Wonderful.** Freestone peach; rich, golden yellow, overspread with rich carmine Price, any above, nice trees, 4 to 6 ft, each 35c; 3 for \$1.00.

### PEAR TREES

**Bartlett.** The most popular summer pear; large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer. Each, 5 to 6 ft, 50c.

**Clapp's Favorite.** Very large, yellow and dull red; very fine. August. Each, 5 to 6 ft, 60c; 7 ft, selected, 75c; 8 to 9 ft, extra strong, \$1.00 and \$1.50.

**Duchess.** A fall pear, large fruit, rich and juicy. A popular market variety. Each, 3 to 4 ft, dwarf, 40c.

**Flemish Beauty.** Large, juicy, rich, one of the hardest. Autumn. Each, 5 to 6 ft, 50c.

**Kieffer.** Good for preserving and canning; extra large; good bearer. October. Each, 5 to 6 ft, 50c; 6 to 7 ft, 60c; 7 to 9 ft, extra strong, \$1.50.

**Koonee.** Thoroughly tested for several years. Has produced good crop when all other varieties were killed by frost. Fruit medium to large yellow with carmine cheek; quality good; ripens in time for the earliest market. 4 to 6 ft, 50c; 6 to 7 ft, 75c; 7 to 8 ft, extra strong, \$1.00.

**Seckel.** Small, yellowish brown, red cheek; best to eat out of hand and pickle. Each, 4 to 5 ft, 50c; 6 ft, selected, 75c; 7 ft, extra strong, \$1.00 and \$1.25.

### PLUM TREES

**Abundance.** This is the plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow. Each, 4 to 5 ft, 40c; 5 to 6 ft, 60c.

**Burbank.** The best and most profitable among growers for market. Tree hardy, sprawling, vigorous grower, unequalled in productiveness; bears young; fruit large, excellent quality, cherry red with lilac bloom. August. Each, 4 to 5 ft, 40c; 5 to 6 ft, 60c.

**De Soto.** Very hardy, bright red. Each 4 to 5 ft, 40c; 6 to 7 ft, strong, 75c; 8 ft, extra strong, \$1.00.

**Wolf.** Very popular, large, immensely productive. August. Each, 4 to 5 ft, 40c; 6 to 7 ft, selected, 75c; 7 to 8 ft, extra strong, \$1.00.

### QUINCE

**Meech.** A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance. Its cooking qualities are unsurpassed. 3 to 4 ft, each 75c; 4 to 5 ft, extra strong, \$1.00.

### ENGLISH POT GROWN FIGS, GRAPE-VINES, NECTARINES, PEACHES AND OTHER FRUIT TREES

We import these on advance orders only from one of the best and most reliable growers in England. Prices on application.

### ABOUT PRUNING

When trees are dug in the nursery, a portion of the roots are broken or cut off and the balance that existed in the structure of the tree is deranged. It is therefore necessary that the branches be pruned. Fruit trees from 5 to 7 ft. in height usually have clear stems varying from 3 to 5 ft., with the branches forming a head. The branches must all be cut back to within three or four buds of their base. All broken or bruised roots must be cut off smoothly to the sound wood. In case of larger trees the pruning must be in proportion.

We shall be glad to prune fruit and other trees ready for planting if requested in that case, however, our customers cannot expect to receive trees that answer our specifications as to height, since they are for trees not pruned.

# CHOICE SELECTION OF SMALL FRUITS

## BLACKBERRIES

Price, each 10c, per doz 75c, per 100 \$3.00.

If to go by mail, add 35c per 100 for postage.

**ELDORADO.** The vines are very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large, jet black.

**SNYDER.** Extremely hardy, enormously productive, medium size, no hard, sour core; sweet and juicy.

**STONE'S HARDY.** Best variety for the north; fruit rich and melting.

## CURRENTS

If to go by mail, add 25c per doz. for postage on 2-yr. plants.

**BAR-LE-DUC.** (White.) This excellent Currant bears clusters which have from 12 to 14 large white berries, which are very sweet. The berries are whitish and not yellowish like other white currants. 2-year bushes, each 50c, doz \$5.00.

**BOSKOOP GIANT.** (Black.) This famous new currant of strong growth and free bearing quality, is in great demand, being especially adapted for preserving. We offer strong plants. 2-yr., each 20c, 3 for 55c, doz \$2.00; 3-yr., each 30c, 3 for 80c, doz \$3.00.

**FAY'S PROLIFIC.** (Red.) The leading market variety. 2-yr., each 15c, 3 for 40c, doz \$1.50.

**LEE'S PROLIFIC.** (Black.) One of the best for general use. 2-yr., each 15c, 3 for 40c, doz \$1.50.

**NORTH STAR.** (Red.) It is bright in color and is the sweetest and best flavored currant known. It is an early and prolific bearer. 2-yr., each 15c, 3 for 40c, doz \$1.50, per 100 \$9.00; 3-yr., each 25c, 3 for 65c, doz \$2.50.

**PERFECTION, NEW.** (Red.) Very large. A cross of the famous Fay's Prolific and the white grape; originated by Mr. Chas. G. Hooker. A very productive variety with berries about as large as grapes, making it a valuable addition to the garden. It is mild in flavor and free from sharpness. 2-yr., each 35c, 3 for 90c, doz \$3.50.

**RED DUTCH.** The old well-known red currant. 2-yr., each 15c, 3 for 40c, doz \$1.50, per 100 \$9.00; 3-yr., each 25c, 3 for 65c, doz \$2.50.

**WHITE DUTCH.** The well-known white currant. 2-yr., each 15c, 3 for 40c, doz \$1.50.

## STRAWBERRIES

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are the most productive.

**AUG. LUTHER.** (P.) Early well known standard variety, good grower and reliable. Fruit large, glossy, bright red, firm and of good quality.

**BRANDYWINE.** Late berries large. One of, if not the best, well tested varieties for both home and market use.

**CLIMAX.** This is the best early variety now on the market. A good size, good color and very productive, which most real berries lack.

**CLYDE.** Early. The most productive variety yet introduced. Immense size. A fine berry for home market.

**GANDY.** Late. One of the best varieties in cultivation. Berries large, of fine form and excellent quality. Flesh firm.

**HAVERLAND.** A mid-season berry with long and good colored fruit, very prolific and heavy cropper.

**JOHNSON'S EARLY.** Early. Desirable, very prolific and healthy grower, fruit large, of good form and color, and delicious flavor.

**NICK OHMER.** Midseason. Very large, dark glossy red, firm and perfect in shape. Enormous yielder and of excellent flavor.

**PRIDE OF MICHIGAN.** Midseason. Fruit medium to large, of a dark, glossy red color. Good plant maker and stands drought better than most kinds.

**SENATOR DUNLAP.** Midseason. Vigorous. Fruit large and attractive in form, deep red to the center. Begins to ripen early and continues nearly a month.

**SAMPLE.** (P.) Late. Good bearer, with large roundish berries of firm flesh, bright red color.

**UNCLE JIM.** Midseason. There is no larger berry grown. It is a dark crimson and slowy. It is very prolific and long season.

Price of all the above per doz 35c, 100 \$1.25, postpaid; per 1,000 \$8.00 by express. For Spring delivery only.

**SPECIAL OFFER No. 479** A Strawberry collection. 100 fine strong healthy plants (Spring delivery only), in four good sorts, our choice, prepaid \$1.25.

## STRAWBERRIES

### FOR SEPTEMBER

### AND OCTOBER DELIVERY

Strawberry Runners, as list, \$2.00 per 100.

Strawberry Pot Plants, as list, \$3.50 per 100.



THE PERFECTION CURRANT

market sort.

## GOOSEBERRIES

**DOWNING.** Largest of our native Gooseberries; pale green; very sweet.

2-yr., each 20c, 3 for 55c, doz \$2.00, per 100 \$15.00, by exp.

**HOUGHTON.** Well known, medium size, pale red, very productive. Price, same as above.

**INDUSTRY.** It is one of the heaviest croppers. The fruit is of largest size, very early and sweet. 2-yr., each 25c, 3 for 65c, doz \$2.50, per 100 \$16.00, by exp.; 3-yr., each 35c, 3 for 90c, doz \$3.50.

**KEEPASKA.** A very large, straw-colored variety of the finest quality and largest size. Its abundant foliage protects the fruit. 2-yr. and 3-yr., by exp., prices same as above.

**RED JACKET.** It is the best Red Gooseberry in existence; has good foliage; mildew proof; yields well; smooth, bright red color and of excellent quality. 2-yr. plants, by exp., each 25c, 3 for 65c, doz \$2.50.

## GRAPES

**CAMPBELL'S EARLY, KING OF AMERICAN GRAPES.** A grape in all respects better adapted to general use in all sections than any other which has yet been grown and tested. Large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin; flavor rich and sweet. Price, 1-yr. vines, each 20c, 3 for 55c, doz \$2.00; 2-yr.-old vines, by exp., each 30c, 3 for 80c, doz \$3.00, 3-year-old by exp. each 40c, 3 for \$1.10; doz \$4.00.

**BRIGHTON.** Dark red, bunches large; medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollinate itself.

**CATAWBA.** Bunches large and loose; berries large, of coppery red color, becoming purplish when well ripened.

**CONCORD.** Well known, reliable, deep purple.

**DELWARE.** Bunches small, compact shouldered; small, round; skin thin, light red; flesh very juicy.

**NIAGARA.** Vine hardy; unusually strong grower; bushes large and compact, mostly round; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

**MOORE'S EARLY.** Bunch medium; berry large, round, black, with a heavy blue bloom; vine hardy and moderately prolific. Its large size and earliness render it desirable for an early crop.

**WORDEN.** Black, handsome, compact bunch; ripens three weeks earlier than Concord.

Price (except where noted), postpaid, 1-yr., each 15c, 3 for 40c, doz \$1.50; 2-yr., by exp., each 20c, 3 for 55c, doz \$2.00; 3-yr., extra heavy, by exp., each 30c, 3 for 80c, doz \$3.00.

**SPECIAL OFFER No. 476**

**SPECIAL OFFER No. 477**

**SPECIAL OFFER No. 478**

The set of 8 grapes, 1-yr., for \$1.00, postpaid.

The set of 8 grapes, 2-yr., for \$1.25, by exp.

The set of 8 grapes, 3-yr., \$2.00, by exp.

Includes the new Campbell grape.

**BLACK HAMBURG.** For Conservatory Planting. This is the standard hot house grape, grown in private conservatories. The berries are large and of a deep blue-black color and of excellent flavor. The bunches of fruit weighing often 3 to 5 pounds. We offer large pot-grown plants with canes 5 ft. long. Price, each \$2.50. (We can supply other sorts.)

## RASPBERRIES

Add for postage, 10c per doz, 50c per 100.

**THE HERBERT RASPBERRY.** (New.) A very strong grower, hardy, and very productive. Fruit large to very large; conical, bright to rather deep red; moderately firm; sweet and sub-acid, juicy and of good flavor. Season begins a few days before Cuthbert. The best Red Raspberry up to the present time. Per doz \$1.25, 25 for \$2.00.

**COLOSSAL.** Truly colossal, plant and fruit, and ironclad in hardness; dark red berries of a sprightly, sub-acid flavor.

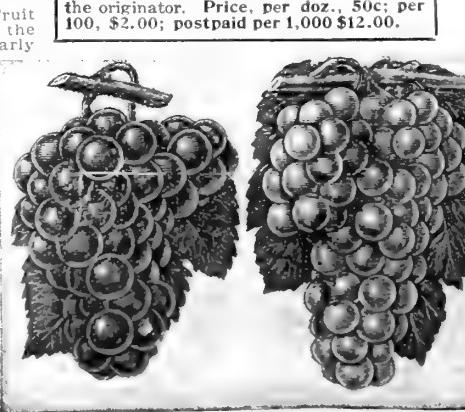
**COLOMBIAN.** Valuable and profitable. The fruit is cone-shaped, of dark red, almost purplish color. Fruiting season extends from July 10th to August 15th.

**GREGG.** Large Black Cap; heavy bearer.

**LOUDON.** The largest Red Raspberry we have ever seen. When boxed for market it outclasses everything in the Red Raspberry line and sells quicker and for more money. It is almost ever-bearing.

**KANSAS.** The best of all the Black Caps, berries large or larger than the Gregg; jet black, firm, handsome and of the best quality; exceedingly productive.

**OLDER.** Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black without bloom; rich, juicy.



CAMPBELL'S EARLY

NIAGARA

Each 10c, 3 for 25c, doz 75c, per 100 \$2.00.

## VAUGHAN'S DECORATIVE PLANTS FOR PORCHES, VERANDAS, Etc.



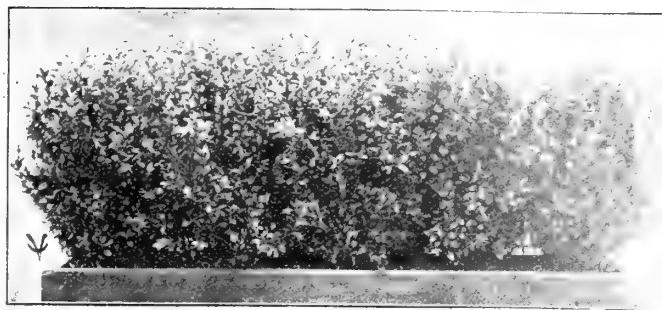
AUCUBA JAPONICA

ST. JOSEPH, MICH.

VAUGHAN'S  
SEED STORE,  
Chicago

The plants that I purchased of you came today in excellent condition. The Honeysuckle is especially fine, and the Roses are much nicer than some received by my neighbors from other parties.

F. L. PIXLEY



WINDOW BOX

36 inches long planted with 10 plants of Bush Box 12 to 15-inch size.

AUCUBA JAPONICA

A valuable decorative plant worthy of more attention. Very suitable for hall or porch decoration. The foliage is large, of rich glossy green, thickly spotted with yellow, increasing in beauty as it grows older.

15 to 18 in. high (by express) .... \$1.00 each, 3 for \$2.75  
24 to 30 in. high (by express) .... 2.00 each, 3 for 5.50  
If wanted in tubs add 50c to the above prices.

BAY TREES—*Laurus Nobilis*

For decorative purposes these stately plants cannot be excelled. Nothing can approach them as effective plants for decorating entrance halls or piazzas. We have on hand at all times, a large stock of fine plants grown in standard and pyramidal form.

Standard Bay Trees

Stem	Crown	Each	Pair
38-40 in	22-24 in	\$8.00	\$15.00
42-46 in	24 in	9.00	16.50
45-48 in	26 in	10.00	18.00
45-48 in	28 in	12.00	22.00
45-48 in	30 in	15.00	28.00
46-54 in	34 in	18.00	34.00
46-54 in	40 in	22.00	40.00

Dwarf Standards

24-30 in	24-26 in	10.00	18.00
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Pyramids

Height	Base	Each	Pair
5 ft	24-26 in	10.00	18.00
6 ft	26-28 in	15.00	28.00

BOX TREES

These plants are sheared in compact pyramidal and globe form, and make very beautiful specimens, which are desirable for the same purposes as the Bay Trees and are not as expensive. Prices include trees planted in nice new green tubs.

Each	Pair
2½ ft. Pyramid	2.50
3 ft. Pyramid	3.00
3½ ft. Pyramid	4.00
4 ft. Pyramid	5.00
5½ ft. Pyramid	8.50
	16.00

Standards

Stem	Crown	Each	Pair
18-26 in	18-20 in	3.50	6.50
18-26 in	24 in	5.50	10.00

Globe Shaped

15 in. high	15 in. diameter	3.50	6.00
18 in. high	18 in. diameter	4.00	7.00

Bush Shaped

Height	Diam	Each	Pair	Dozen	100
10-12 in	\$0.40	\$.....	\$.....	\$3.50	\$30.00
12-15 in		50		5.00	35.00
12-15 in	10-12 in	85	1.60	9.00	
18 in		85	1.60	9.00	
20-24 in		1.00	1.75	10.00	
24 in		1.50	2.70		
30 in		3.00	5.50		

... Surprise Collections of Choice Plants ...

We devote 28 large greenhouses to the cultivation of decorative and flowering plants, supplying, as we do, commercial florists all over the country. To be well prepared for the season's orders, we propagate largely of nearly all the plants we grow.

For reasons readily understood, many excellent kinds often show an overstock toward the close of each season and, for lack of room, must be disposed of. To do this quickly and make room for our Summer stock, we offer for May planting these splendid Collections, regardless of value. Remember none of these are poor plants or inferior kinds in any way, but are often **high-priced** varieties.

If sent by express or purchased at our Chicago Store we will furnish larger plants than if sent by mail and leave more earth on the roots; the price, however, will be the same. We cannot permit any changes in the condition of these collections nor in the time of delivery.

Surprise "Canna" Collection

This collection contains

10 DIFFERENT VARIETIES  
OF THE NEW EVER-BLOOMING CANNAS

For 75 cents, prepaid.

Includes crimson, scarlet, yellow spotted, gilt-edged, orange, bronze-leaved, 8 of the best large-flowering new kinds from our famous World's Fair Collection, one of the best in America.

Surprise "Dahlia" Collection

12 for 75 cents, prepaid.

We will include in this collection 10 Dahlias selected from our grand collection of varieties. All different. This collection would be cheap at double the price.

Surprise Collection Bedding Plants

30 different varieties of bedding plants, such as Ageratum, Lobelia, Verbena, Begonias, Cosmos, Geraniums, Cannas, etc.

For \$1.00 by express at your expense.

Surprise Shrub Collection

Ready May 1st

For \$1.00 we send 6 Hardy Ornamental Shrubs, our selection of sorts, 2 to 3 feet high, by express at your expense. These will be first-class bushes.

All orders for these Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the same by MAY 20 except where noted, and all will be sent within two or three days from date. We cannot send them out before the above mentioned date.

Surprise Collection Garden Roses

Our Selection of Sorts Only.

From

inch Varieties

Plants, pots, ties.

S. R. C. No. 1	12	4	12	\$2.50	by exp.
S. R. C. No. 2	100	4	15	16.00	by exp.
S. R. C. No. 3	12	2	12	50	by mail.
S. R. C. No. 4	100	2	15	3.50	by exp.
Collections No. 3 and No. 4					cannot be supplied after June 1st.

Surprise "Geranium" Collection

10 BEAUTIFUL GERANIUMS

For 60 cents, prepaid.

All colors, single and double.

Surprise Chrysanthemum Collection

10 CHRYSANTHEMUMS

ALL DIFFERENT AND DISTINCT SORTS

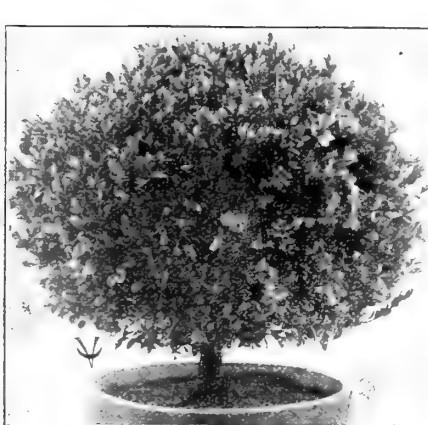
For 50 cents, prepaid.

This collection will be made up of best sorts only.

Surprise Collection Hardy Perennials

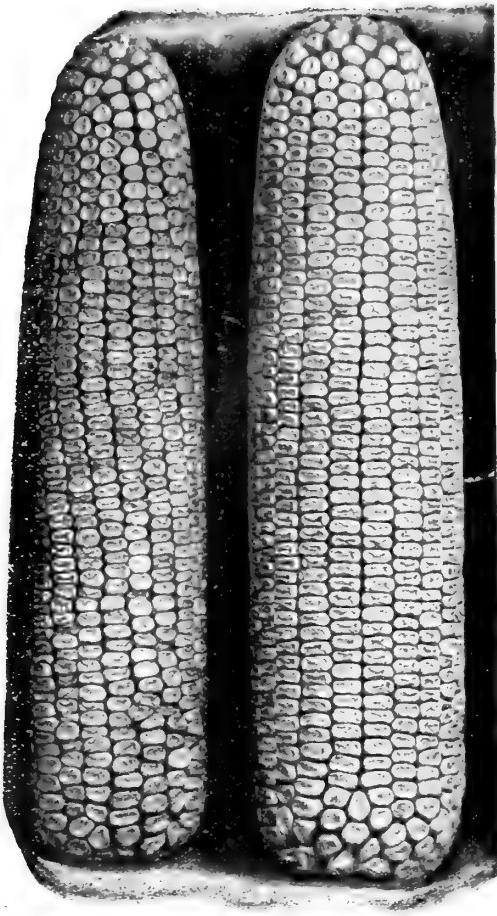
Ready May 1st

For \$1.00 we will send by express, at buyer's expense, 20 Choice Hardy Perennial plants, all different, regular price \$1.50 per dozen.



GLOBE SHAPED BOX TREE

# VAUGHAN'S PEDIGREE SEED CORN



Leaming

Reid's Yellow Dent

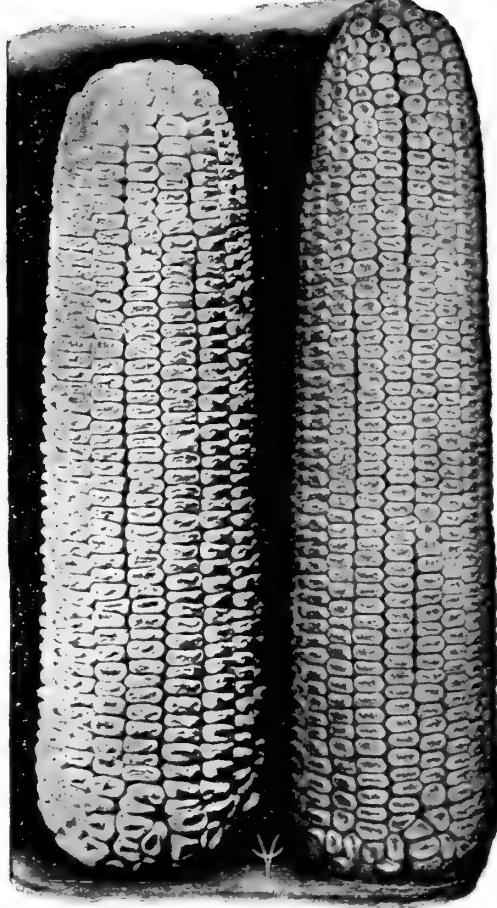
Vaughan's Pedigree Seed Corn is the cream of the product of the best seed corn growers, who specialize on particular varieties. The best Seed Corn of a certain variety must be obtained from the locality in which that variety does its best and to which it is particularly adapted. Our growers are recognized leaders in growing their respective varieties. They know all about the latest theories of Corn breeding and practice them.

We plainly state where each Corn has been grown, for it must be borne in mind, Seed Corn produces best planted under similar climate and soil conditions to which it was originally raised. Order Seed Corn early that you may test it for yourself.

## REID'S YELLOW DENT,

### *Pedigreed Stock.*

The standard Yellow Dent Corn for Northern Central Illinois, Northern Iowa and like climates in Indiana and Ohio. Brought to Illinois in 1846 from Ohio. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is more accurately described as follows: Ear 9 to 10 inches long, very slowly tapering; about 7 inches around; 18 to 24 rows, with narrow space between; kernels light yellow. Our strain is slightly rough, tapering very slightly; cob medium. Matures under favorable conditions in 110 to 115 days. Much planted in Northern Illinois and Southern Wisconsin, but always at the risk of not



Iowa Silver Mine

Boone County White

maturing. Our breeder has won first prizes in competition with the best growers at the Springfield State Fair and National Corn Show. Grown in Central Illinois. Our crates of selected ears cannot be beaten anywhere. Selected ears, bushel crate, \$3.00; three for \$8.50. Shelled Corn, selected, tipped and butted,  $\frac{1}{2}$  peck, 35c; peck, 60c; bu., \$2.25; 4 bu. lots, \$8.50; 10 bu. lots, \$20.00. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.

**BOONE COUNTY WHITE, Pedigreed Stock.** This is the best type of White Dent Corn for the Central Corn belts—such as Central and Southern Illinois and South Central Iowa. At the Springfield Fair this corn is always a winner in the White classes. The corn has been bred for very large ears and consequently matures rather slowly—about one hundred and twenty days of good weather. Tips do not fill as well as some varieties; however, our strain has been selected to improve this fault, as can readily be determined by the ears in our crates. The ear tapers slowly, length usually 10 inches; circumference,  $7\frac{1}{2}$  inches; 16 to 22 rows, medium space between; the kernels are broad and somewhat rough; the cob is white and of medium size. Our strain has won many prizes—grown in central Illinois. Selected ears, per crate, \$3.00; 3 bu., \$8.50.

**SHELLED CORN**—Selected, tipped and butted,  $\frac{1}{2}$  peck, 35c; peck, 60c; bu., \$2.25; 4 bu. lots, \$8.50; 10 bu. lots, \$20.00. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.

**LEAMING IMPROVED.** (See illustration.) Probably planted over a greater area of country than any other sort on account of its great adaptability. Ripens in 100 to 110 days under favorable conditions in central corn belts. The ear is tapering, length 10 inches; circumference, 7 inches; kernels smooth and firm on the cob; 18 to 20 rows, with medium spaces between; well filled and rounded tips and butts; kernels yellow and wedge shaped; cob red, of medium size. The stalks are of good size and in New York and New England used a great deal for ensilage. Our seed is grown from prize stock in the central corn belt. Shelled, selected, tipped and butted, price, peck, 60c; bu., \$2.00; 4 bu. lots, \$7.50. Postpaid, large pkt., 10c; pint, 20c; quart, 30c.

**GOLD MINE.** A Yellow Dent similar in its general characteristics to the Silver Mine. Average about half an inch shorter than Silver Mine and two rows less. The kernels are rough and deep. Cob small. In certain sections of North Central Illinois and Iowa as far north as Cedar Rapids, parts of Kansas and Nebraska—a standard sort. This variety has not been as carefully bred as some sorts; however, it has good points. A 110 day corn. Our seed is carefully selected, grown by a noted breeder in the West Central Corn section, a specialist on this excellent variety. Shelled, selected, tipped and butted, price, peck, 35c; bu., \$2.00; 4 bu. lots, \$7.50. Postpaid, pkt., 10c; pint, 20c; quart, 30c.

**IMPROVED CALICO.** This is a good feeders' corn—the ears are of good size, usually nine to ten inches; the color of the corn varies a great deal from dapple yellow to a deep red. The ears taper slowly, 7 to  $7\frac{1}{2}$  inches around; about 20 rows, medium spaces; cob fair size and red. Suitable only in a central corn belt, requiring 110 to 115 days to mature. Height is medium, with abundant foliage, making it desirable for ensilage. Our corn is a good strain, raised in the best central corn section. Shelled, selected, tipped and butted, price,  $\frac{1}{2}$  peck, 35c; peck, 60c; bu., \$2.00; 4 bu., \$7.50. Postpaid, pkt., 10c; pint, 25c; quart, 35c.

**SILVER MINE.** (See illustration.) One of the very best yielding White Dent Corns. Matures in North Central Illinois and in Iowa as far north as Dubuque. Originated in Ford county, Illinois, and introduced in Iowa. Creamy white in color, cylindrical shape, tapering only a little at the tip; 18 to 20 rows; length 9 inches; circumference,  $7\frac{1}{2}$  inches; kernels rough and deep, a little space between rows; cob small and white. A fine shelling and high yielding variety. In good corn weather ripens if 110 days. Our seed is grown by one of the most famous Iowa breeders. Shelled only—however, every ear selected and tipped and butted. Peck, 60c; bu., \$2.00; 4 bu., \$7.50. Postpaid, pkt., 10c; pint, 20c; quart, 30c.

**HICKORY KING.** The most famous White Corn for Southern States. The tapering ears run very large. The general conformity of the ear varies greatly, as this corn has been bred for small cobs and large kernels, making a corn that cannot be surpassed in shelling qualities. The corn requires a rich soil and a shade better than 120 days to mature. The foliage is abundant, usually two ears to a stalk, and very few barren stalks. Especially easy to husk. Our corn is grown in Northern Missouri by a most careful breeder. Shelled, peck, 55c; bu., \$1.75; 4 bu., \$6.50. Pkt., 10c; pint, 20c; quart, 35c. Postpaid.

## POP CORN.

### *Selected Ears for Seed.*

Price of any kind of Pop Corn, postpaid, pkt., 5c;  $\frac{1}{2}$  lb., 12c; lb., 20c. Not prepaid, lb., 12c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.40; 100 lbs., \$5.00.

**ILLINOIS SNOWBALL.** An improved variety, very prolific; is best Pop Corn for home use.

**WHITE RICE.** The most popular for general use. The grain is pointed, popes white, is full.

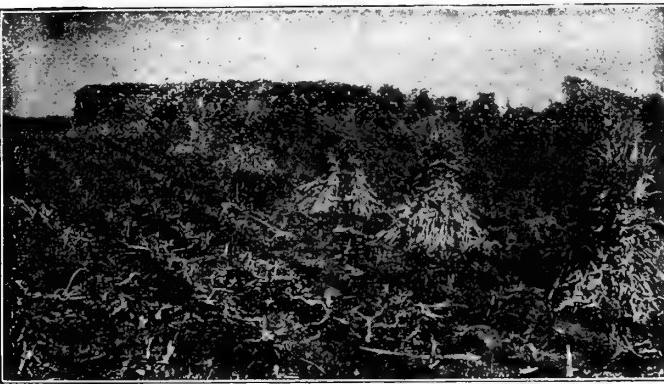
**MAPLEDALE PROLIFIC.** A great yielder. It pops pure white.

**QUEEN'S GOLDEN.** It pops perfectly white, and a single kernel will expand nearly one inch.

We sell full bushels only in crates.

(Write for free copy of Vaughan's Corn Belt Map (1885) showing where these and other corns will mature.)

THE ABOVE PRICES ARE AS LOW AS WELL BRED, SELECTED SEED CORN CAN BE OFFERED.



FIELD OF EARLY CORN ON THE VAUGHAN FARM, NEAR HOMEWOOD, ILL.

**MADISON YELLOW DENT**

(See illustration.) This Corn is, we believe, the best Corn ever introduced for the vicinity of Chicago, Northwestern Indiana, Wisconsin and Michigan. Matures in 100 days of ordinary corn weather, and is a wonderful yielder. The ear is smaller than Reid's Yellow Dent, but much resembles it otherwise. Ears 8½ inches long, 16 rows, dark red cob. As near a pure bred corn as can be found in any Northern Corn Belt. It has yielded well, and in nearly every case better than all local corns, wherever we have sold it in above sections in the last five years. It is the most even and handsome appearing Early Dent Corn. Our strain is grown on our own farms in Central Michigan and Northern Illinois and under our direct supervision in the same localities. We offer ears in 1 bushel crates or shelled. Prices of ear corn, bu \$3.50. Shelled, from selected ears, ½ pk 35c, pk 60c, bu \$2.25, 2 bu or over \$2.00 per bu. Postpaid, Pkt 10c, pt 25c, qt 40c.

**MINNESOTA No. 13 or WISCONSIN No. 8** A heavy yielding, extremely Early Yellow Dent Corn. It matures in 90 days of corn weather. Stalks are quite tall and this variety furnishes a large amount of fodder. Grows to a height of 8 ft. on good soil. Ears medium size, 8 in. long, 16 rows, and tapers toward the tip. The kernels show a good Dent type and are of fair depth. It is not as well bred as yet as Madison Yellow Dent. It is, however, about 10 days earlier. **Central Michigan Grown Shelled, from selected ears, ½ pk for 40c, pt 70c, bu \$2.50. We have a few crates of selected ears at \$3.50 per bushel.**

**SILVER KING or WISCONSIN No. 7** (See illustration.) Matures in 100 to 105 days. Introduced the last four years by Prof. Moore of the Wisconsin Experiment Station. Of good cylindrical shape. Ears 8 in., usually 16-rowed. The kernels are deep set, just thick enough that rapid ripening is not checked. Excellent for Southern and Central Wisconsin. **Northern Illinois, shelled from selected ears, ½ peck 40c, peck 70c; bushel \$2.50. Postpaid, pkt 10c, pint 25c, quart 40c. On the ear, per bushel crate \$3.25.**

**PRIDE OF THE NORTH** Well known Early Yellow Dent. Will ripen in Northern Illinois and Iowa. Will mature in 90 to 95 days of good even weather. Type varies. Grown in Northeastern Nebraska. Price, shelled, peck, 60c, per bu \$2.00, 2 bu \$3.75, including bags. Postpaid, pkt 10c, pint 25c, quart 40c.

**NORTH STAR** An Early Yellow Dent which has been carefully selected for thirty years, catalogued and sold by Vaughan's Seed Store for more than twenty-one years. Sixteen rows, deep grain, small red cob, the most valuable Dent Corn, suitable for Corn Belt in the latitude of Southern Minnesota and Middle Wisconsin. Our seed is grown this season in the vicinity of Baraboo, Wis., and is safe for planting in such corn belts and south of there. Price, shelled, from selected ears, tipped and butted, peck 70c, bu \$2.50, 4 bu \$9.50.

**GOLDEN SURPRISE.** Remarkable for its small cob and high shelling qualities. Central Ohio seed. Recommended for localities south of line drawn from Cleveland to Peoria. Price, ½ peck 35c; peck 60c; bu \$2.00; 2 bu \$3.75.

**DAKOTA SUNSHINE DENT.** Matures in better than 90 days. Ears 7 in., quite hard, slightly dented and yellow, tinged with red in color. Good for late planting in central locations, and may be planted closer than later sorts. **Dakota-grown shelled, ½ peck 45c, peck 75c, bu \$2.50.**

**FLINT VARIETIES.**

**RHODE ISLAND WHITE CAP FLINT.** This is the White Flint variety used in New England for hominy and hulled corn; for table quality, flavor and sweetness it is the best variety of Indian Corn. Its ample foliage makes it desirable for ensilage and fodder. Price, shelled, pkt., 10c; pint, 25c; quart, 35c; peck, 55c; bu., \$1.85.

**GIANT LONG FLINT.** A tawny and smoky white variety, one of the best habit and breadth of blade. Price, ½ peck, 35c; peck, 60c; bu., \$2.00; 2 bu., \$3.75. Postpaid, large pkt., 10c; pint, 25c; quart, 35c.

**GOLDEN DEWDROP.** A handsome bright, yellow, 8-rowed Flint. Price, shelled, large pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 60c; bu., \$2.00; 2 bu., \$3.75.

**KING PHILIP.** Reddish Flint. Price, shelled, pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 60c; bu., \$2.00.

**WILL'S JEHU 70-DAY.** This is probably the earliest valuable Yellow Corn we have. It has won first premium in Dakota for the best Yellow for that climate. Pkt., 10c; pint, 25c; quart, 40c, postpaid. By express, ½ peck, 50c; peck, 85c; bu., \$3.00; 2 bu., \$5.00.

**LONGFELLOW FLINT.** A beautiful 8-rowed Yellow Flint. Ears from 10 large pkt., 10c; pint, 25c; quart, 35c, postpaid. Peck, 65c; bu., \$2.25.

**SMUTNOSE** A standard Michigan variety. Peck 60c, bu \$2.00.

**FODDER CORN** Bags 25c each on Bushel Lots and Over.

**SWEET FODDER** There is nothing better for Summer and Fall green feed or for curing for Winter than Sweet Corn; being sweet and palatable cattle eat every part of the stalks and leaves. Always a great favorite with dairy farmers and excellent for soiling. Peck 75c, bu \$2.50, 2 bu \$4.75.

**Virginia Mammoth White Horse Tooth** Well known everywhere. Peck 45c, bu \$1.35, 5 bu \$6.35.

**"Red Cob" Ensilage or Fodder** This selection has a great reputation for this purpose. It has a deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers. Peck 40c, bu \$1.15, 5 bu \$5.35.

**MADISON YELLOW DENT**

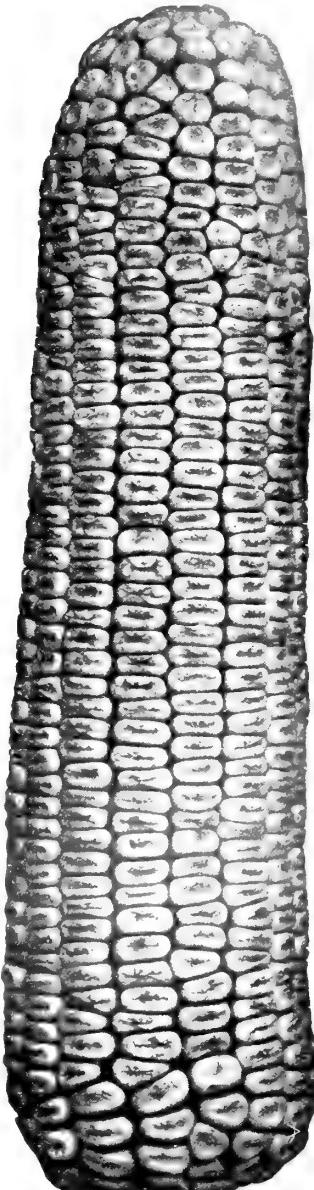
ADD 20c PER BUSHEL TO ABOVE PRICES, IF ORDERED FROM NEW YORK STORE.

**FIELD CORN—Early Varieties****NORTHERN GROWTH**

Such varieties of Early Corn as we list on this page are the purest bred Northern Corn sorts to be found. They are grown in North Dakota, Wisconsin, Minnesota, Michigan, Northern Illinois, Northeastern Nebraska and Central Ohio. They begin with the very earliest Flint (Jehu), include all the earliest Dent varieties and end with the medium season Golden Surprise. For their respective sections they represent the heaviest yielding and purest bred type in existence.

It is now universally recognized that the so called 90 Day or Early Corn grown in Southern localities require 100 or more additional days to mature in the North. Farmers plant seed corn grown over fifty miles south of their latitude at a great risk of a soft crop.

Good Seed Corn is scarce this year on account of the severe drought and poor drying weather this Fall.



SILVER KING

# VAUGHAN'S FARM SEED DEPARTMENT

Our list of grains, field and grass seeds, soiling plants and the like will be found to be made up of standard varieties and such new things as have been thoroughly tried and proven. All of our seeds are good samples, carefully re-cleaned and from most reliable sources and growers. Samples on request.

**PRICES**—The market on this class of seeds is changing constantly and prices given below are subject at all times to market changes. On account of our central situation in Chicago and New York, the two great trade centers, we can buy and sell as cheaply as any house in the United States. When our prices seem high, write for the latest market quotations.

## SEED BARLEY

**Oderbrucker Barley.** (Wisconsin No. 55). A heavy yielding and plump six rowed variety. Introduced in 1906 by the Wisconsin Agricultural College. Through Prof. Moore of that College, this barley was given an exhaustive series of trials by many members of the Wisconsin Agricultural Experiment Association; the result showing an average yield of five to ten bushels more per acre than other six rowed sorts. It is now regarded as the best barley for localities similar to Wisconsin. Compared to the ordinary strains of Manshury Barley, its only competitor, Oderbrucker has a stiffer straw; is a better yielder and being a more vigorous grower is a better rust resister. The grain is large and plump and chemically analyzed shows a high protein content, making it exceptionally valuable for feed. One of the best also for malting purposes.

Our seed is a good sample, Wisconsin grown, from seed secured through the Wisconsin Agricultural Experiment Station. Sample on application.

Price peck 50c, bush \$1.65, 10 bush \$16.00. Add 22c each for 2 bush. grain bags.

**Manshury Barley.** This is the standard six rowed barley and is generally recognized as the most reliable yielding sort under all conditions. It is an early sort with good stiff straw-bearing long plump heads. The grain is large and has no superior for malting purposes.

Our seed is very good this year, clean, bright and a heavy sample of the improved strain. Price peck 50c, bush \$1.65, 10 bush \$16.00. Add 22c each for 2 bush. grain bags.

**Success or Beardless.** This is earliest and hardest of all barleys. May be sown as early as possible in the Spring without danger from frost. The straw is heavy and stands up under a heavy crop. The grain is without beards and can be handled and threshed as easily as oats and is in stock feeding of much more value than common barley, as it may be fed without danger of injury to the animals. The yield compares favorably with the bearded varieties. Price peck 60c, bush \$1.85, 10 bush \$18.00. Add 22c each for 2 bush. grain bags.

**White Hullless.** This variety is strictly a feeding sort. It has a grain like that of wheat, with no beards or hulls. In feeding value it is almost equal to wheat and the yield is nearly twice as large. In the Northern states where Corn does not mature a crop, White Hullless barley is extremely valuable, as it produces a good quantity of feed and is very early. As a dry feed it has no superior.

The straw is heavy, with good leaves, and when cut green makes good hay. Our seed is grown in the far Northwest and is heavy, fine, bright and very free from hulls. This variety never runs entirely true to type. Price peck 70c, bush \$2.15, 10 bush \$21.00. Add 22c each for 2 bush grain bags.

## BIRD SEED      Prices do not include postage

We have facilities for supplying Fancy Clean Bird Seeds and Bird Foods; the best only, re-cleaned and dust blown out. The highest grade seed only, of every kind, is used in Vaughan's Mixture. These are prices by freight or express. If wanted by mail add 10c per lb.

**BIRD SEED, VAUGHAN'S MIXED.** Lb 10c, 5 lbs 40c, 10 lbs 75c.

**BLUE MAW (Poppy).** Per lb 20c, 5 lbs 80c.

**CANARY SEED.** Per lb 10c, 5 lbs 10c, 10 lbs 75c.

**CUTTLEFISH BONE.** Per lb 30c.

**HEMP.** Per lb 10c, 5 lbs 40c, 10 lbs 70c.

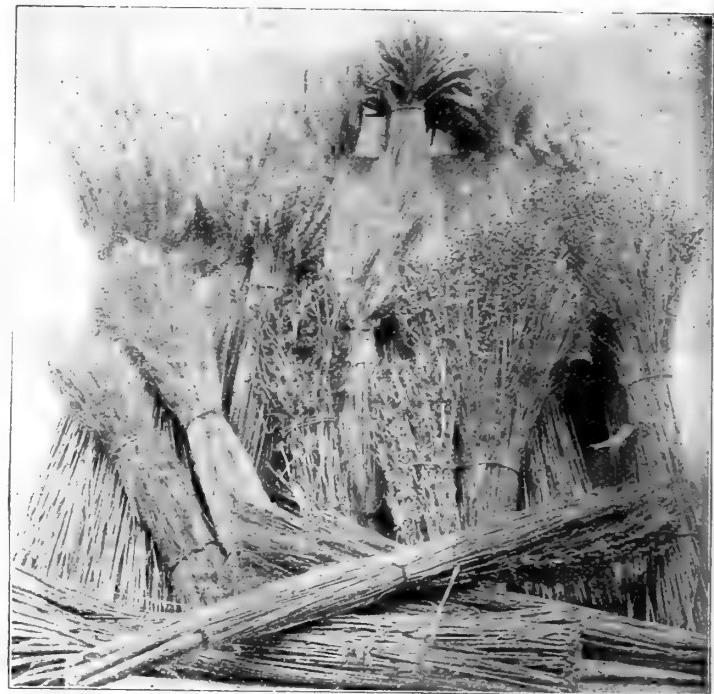
**LETTUCE.** Per 1/4 lb 10c, lb 25c, 5 lbs 70c.

**MILLET, RECLEANED.** Per lb 6c, 10 lbs 50c.

**MOCKING BIRD FOOD.** Per lb tin 35c.

**RAPE.** Per lb 10c, 5 lbs 45c, 10 lbs 80c.

**SUNFLOWER.** Per lb 10c, 5 lbs 10c, 10 lbs 75c.



## PRINCIPAL GRAIN AND GRASSES OF THE CENTRAL STATES AUSTRALIAN SALT BUSH

A forage plant for arid or alkali lands. The plant after three seasons neutralizes the soil so other plants will grow. One pound to the acre. Sow in garden bed, and transplant 7 feet apart. Price, 1 oz 15c, 1/4 lb 40c, lb \$1.25, postpaid.

## COTTON 25 lbs. per acre

**Medium Bolt.** We have fine seed of this type of cotton, from a careful Georgia grower. One of the best for the South Atlantic region. Price, lb 15c, postpaid. By express, peck 75c, bush (40 lbs) \$2.25.

**Large Bolt.** Selected Georgia Seed. Lb 15c postpaid, peck 65c, bush (40 lbs) \$1.75.

## CHUFAS, or EARTH ALMONDS

Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April, in rows 3 feet apart, and 8 to 10 inches apart in the row. If seed is dry, soak before planting. Sow 15 lbs. of seed per acre. Pkt 10c, lb 30c, postpaid. By express, lb 25c, 10 lbs \$2.00, 100 lbs \$15.00.

(See other pages for prices on Peanuts, Artichokes, etc.)

## BROOM CORN

**Improved Evergreen.** The most popular variety in the Western broom corn growing localities. Brush of good length and handsome appearance and shows almost no red color. Sow 15 lbs. to the acre. Price lb 20c, postpaid. By freight or express, 10 lbs 65c, 50 lbs \$2.75, 100 lbs \$5.00.

**Oklahoma Dwarf.** An extra early sort. Average height about 5 feet. Price 10 lbs 75c; 50 lbs \$3.00; 100 lbs \$5.75.

## BUCKWHEAT

Market price changes. Write for quantity prices.

Buckwheat is mostly used for filling in fields remaining unplanted after the middle of June. It is well to bear in mind that on worn-out soils a plowed under buckwheat field is a great soil fertilizer and improver. Sow 25 lbs. per acre.

**Japanese.** A popular and standard sort. Very large grains of dark brown color. Early and heavy yielding. Choice re-cleaned seed. Peck 45c, bush (18 lbs) \$1.50, 2 bush or over \$1.40 per bush, bags included.

**Silver Hull.** A very prolific and early sort. Grain a light gray in color. A great favorite with millers on account of the white flower it produces. Choice seed, peck 45c, bush (48 lbs) \$1.45 2 bush or over \$1.40 per bush, bags included.

## FLAX SEED

Flax is a very profitable crop on new land. Sow early, as soon as possible after danger of frost. To raise seed, sow one-half bushel per acre; for fiber, one bushel. Price subject to change. Re-cleaned seed, free from weeds, peck \$1.10, bush \$3.75, bags included.

# SEED OATS

Note the Oat prices quoted here include Burlap bags, if wanted in grain bags, add 22c for each 2½ bushel order.

## SWEDISH SELECT (The Best Early Oats)

Introduced a few years ago by the U. S. Department of Agriculture and today the most largely planted of all varieties in the Northern Central States.

Briefly described the Oat is pure white in color; the hull is thin and the kernel large and plump; straw is stiff and strong enough not to lodge. A remarkable root development makes the Swedish Oat a good drought resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. Price peck 40c, bu \$1.30, 10 bus at \$1.20 per bu, 2½ bus bags included.



SWEDISH SELECT OATS.

## WHITE TARTAR (Long's)

This early variety recently introduced in the Eastern States where it has made an enviable record has also done remarkably well in the West. On our own farms it has outyielded for two successive seasons both the Swedish and Lincoln varieties. It is a heavy oat with long stout straw which stands up well without lodging. The heads are large; the grains thick and heavy with a thin hull. We have a clean heavy lot of seed. Price peck 40c, bu \$1.40, 2½ bu \$3.35, 10 bu \$13.00, burlap bags free.

## LINCOLN

One of the most popular Oats in the great grain sections of Wisconsin and Minnesota. It is a very heavy yielder. Growth is strong; season comparatively early and a good rust resister. The grain has a thin hull, heavy meat and soft rib, making it especially valuable for milling into oatmeal as well as feeding. We have heavy Minnesota grown re-cleaned seed. Price peck 40c, bu \$1.35, 10 bu lots at \$1.25 per bu, 2½ bushel bags included.

## KHERSON OR SIXTY DAY OATS

The most popular new Oat for rich prairie soils. A very early variety and produces large yields. The straw is short and on rich soils does not lodge as do most oats. The grain is small with a remarkably thin hull and light yellow in color. Introduced by the Nebraska Experiment Station and in that state the best yielding sort. An excellent feeding oat, the only objection to it being its color which injures its value to some extent for market purposes. Price peck 35c, bu \$1.30, 10 bu lots at \$1.20 per bu, 2½ bushel bags included.

## BLACK TARTARIAN

The darkest of the black Oats and a very heavy cropper. It is extremely hardy and seldom lodges. The grain is black, heavy and of high feeding value. We offer clean, heavy Canadian grown seed. Price peck 40c, bu \$1.40, 3 bu in grain bags \$1.00 bags included.

## WINTER TURF

Valuable for winter grazing and grain in the South. Its turfing and stooling qualities are remarkable, even when thinly sown soon spreads and covers the ground. Sow ½ to 2 bushels per acre. Price lb 30c, 3 lbs 65c. postpaid. Not prepaid, peck 35c, bu \$1.35.

## MILLETS Fancy Recleaned

Write us for market prices and samples on larger lots, because the market varies often. Price includes bags. Our Western headquarters put us in line in Millets, both for quality and price.

### GERMAN OR GOLDEN

Planted on good land produces a large crop of hay or forage during the summer months and leaves the ground in the finest condition for wheat. There is a larger yielding forage plant. Seed is valuable for poultry. (Bu., 50 lbs.) Sow ¼ bushel to the acre. Values constantly changing. Write for prices. Bu \$2.00, 100 lbs \$3.50, bags included.

### HUNGARIAN GRASS

Sown as late as July. market changes. Write for latest prices. Bu \$2.00, 100 lbs \$3.75, bags included.

### JAPANESE MILLET

of hay, and is a much Clovers. It may be sown from the middle of May to the 1st of July, broadcast; at the rate of 15 lbs. per acre; but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and cultivate until 15 inches high, when its rapid growth will smother all weeds. Lb 15c, postpaid. By freight or express, 10 lbs 70c, 50 lbs \$2.75, 100 lbs \$5.00.

### PEARL OR CAT-TAIL MILLET

No other plant makes so much forage. Three succession cuttings of one crop in Georgia yielded 52,416 lbs. per acre. Stools at ground; thick foliage. Can be cut when 3 feet high. Sow 5 lbs. per acre in drills, 3 feet apart or broadcast at the rate of 25 lbs. per acre ¼ lb 10c, 1b 25c, postpaid. By express, lb 15c, 10 lbs 85c, 100 lbs \$7.50, bags included.



WHITE TARTAR OATS.



LINCOLN



KHERSON OR SIXTY DAY OATS.



BLACK TARTARIAN



WINTER TURF



GERMAN MILLET

# VAUGHAN'S FARM SEED DEPARTMENT

## SUGAR CANE—Vaughan's Early Amber

The value of Sugar Cane as a green fodder crop is yearly becoming better known and appreciated by the dairy farmer. It is the best green food that can be grown for feeding cows, horses and young stock during the dry spells which we usually have in August and September. Even fodder corn does not produce so rich and rank a growth of good feed for so little money as Sugar Cane. A great quantity of feed may be had from a half acre sown to this crop with a little more than \$1.00 invested for seed—say 60 pounds to the acre.

We offer both northern and southern seed. Northern seed,  $\frac{1}{4}$  lb 10c, 1b 20c, postpaid; by freight or express, 10 lbs 60c, 50 lbs \$2.75, 100 lbs \$5.00.

Southern seed for fodder purposes, 10 lbs 50c, 50 lbs \$2.00, 100 lbs \$3.50.

**KAFFIR CORN** One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage by Oct. 15. For grain sow in rows 3 feet apart, 5 lbs. per acre. For fodder, sow three pecks broadcast. Price per pkt 5c, 1b 15c, 3 lbs 40c, postpaid. By freight or express, 100 lbs \$2.75, bags included, 10 lbs 45c, 50 lbs \$1.50.



Dwarf Essex  
Rape

### SPELTZ OR EMMER WHEAT

A grain especially suited for dry lands. Being perfectly hardy can be sown in the Fall or early in Spring like Oats. Speltz grows best in dry prairie regions with hot Summers and does well in poor or stony ground. It is a better drought and rust resister than either Oats or Barley. The feeding value is high and the yield is considerably better than Oats or Barley. Minnesota seed.

Lb. 15c, 3 lbs 40c, postpaid; bush 40 lbs \$1.00, 5 bush at 85c per bush, bags included.

**SPRING RYE** A good catch-crop, as it may be sown later than most grains. Not so good a yielder as Winter Rye. Price, peck 40c, bu \$1.50, bags included.

**JERUSALEM CORN** The best and surest grain crop for dry countries and seasons; 3 feet high. Makes one large head on main shoot and several small heads on side shoots. Sow 3 to 5 lbs. per acre. Pkt 5c,  $\frac{1}{2}$  lb 15c, 1b 25c, postpaid. By freight or express, 10 lbs 80c, 50 lbs \$3.00, 100 lbs \$5.50, bags included.

**MILO MAIZE** A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high. It bears dry weather and makes its crops where corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. per acre. Lb 20c, postpaid. By freight or express, 10 lbs 50c, 50 lbs \$1.75, 100 lbs \$3.25.

### DWARF ESSEX RAPE

This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. One acre will pasture 36 head of sheep two months and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs. and if in drills 2 lbs. to the acre. True Dwarf Essex Rape, our own importation. Pkt 10c,  $\frac{1}{4}$  lb 15c, 1b 25c, postpaid. By freight or express, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00, bags included.

### WHEAT—SPRING

Subject to market fluctuations. Write for prices. 2 bu grain bags 20c.

**Blue Stem** A heavy yielding variety, very popular in the Northwest. Heads are large and well filled. Plants stool freely. Our seed is carefully selected. Price, pk 60c, bu \$2.25, 5 bu \$10.75.

**Saskatchewan Fife** A very hardy and productive red variety. Makes the famous Northwest No. 1 milling wheat.

Price, pk 60c, bu \$2.15, 5 bu \$10.25.

**Macaroni or Durum** We have true and carefully selected stock of this now famous introduction of the U. S. Dept. of Agriculture. Best for dry districts. Price, pk 60c, bu \$2.00.

### FARM BOOKS, By Mail, Postpaid.

See also List of Rural Books, page 149.
Farm Appliances. Illustrated. Very valuable, cloth . . . . . \$0.50
Farm Drainage, French's. Cloth . . . . . 1.00
Farm Gardening and Seed Growing. Brill. Cloth . . . . . 1.00
Fertility, The, of the Land. By I. S. Roberts. Cloth; 415 pages . . . . . 1.25
Fertilizers. By Prof. E. B. Voorhees. Cloth; 335 pages . . . . . 1.25



Field of Early Amber Cane Grown in Central Michigan

### MAMMOTH RUSSIAN SUNFLOWER

#### *The Giant of all Sunflowers*

This is the best variety for the farmer to grow. It reaches double the size of the common sort and yields twice as large a crop of seed. The seed is much used for poultry and parrot food and has a high feeding value. The leaves of the plant make a good fodder for all kinds of stock. Besides its value for poultry, the seed can also be fed to the horses and yields also a high quality oil. Oz 5c, lb 10c, postpaid 20c; by express or freight 10 lbs 75c, 25 lbs \$1.25, 100 lbs \$4.00.

**GIANT SPURRY** An annual plant extensively cultivated in Europe as a Winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. per acre. Price per lb 30c, 3 lbs 75c, postpaid. Express, 5 lbs 75c, 10 lbs \$1.25.

**TEOSINTE** A valuable continuous cutting forage plant for Southern and Southwestern states, furnishing a most nutritious food green or dry for horses and cattle. It resembles Indian corn, the leaves being larger and the sap sweeter. Sow in May or June in drills  $3\frac{1}{2}$  to 4 feet; 2 to 3 lbs. per acre. Pkt 5c, oz 15c,  $\frac{1}{4}$  lb 45c, 1b \$1.50, postpaid.

### PEANUTS

**Spanish** The earliest variety grown; pods are small, but remarkably solid and well filled. Interesting for children. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for the bushy habit of the plants. Pkt 10c,  $\frac{1}{4}$  lb 12c, 1b 30c, postpaid. By express, 1b 20c, 5 lbs 75c.

**Mammoth Virginia** The most profitable variety to grow as a market crop, though not so early as Spanish; more easily cultivated; very erect stems and upright foliage with large pods and kernels. Sow in drills 4 feet apart, placing the nuts 6 inches apart. Pkt 10c,  $\frac{1}{4}$  lb 20c, 1b 30c, postpaid. By express, 1b 20c, 5 lbs 75c.

**Jumbo or New Orleans Special** This is the giant of the lower Mississippi Valley: surprises everybody. Pkt 10c,  $\frac{1}{2}$  lb 25c, postpaid.

The planting of Leguminous crops, the air nitrogen gatherers, is the cheapest manner of adding the highest priced and most valuable fertilizer, nitrogen.

## Nitrogen Gathering Crops and Clovers

**NEW VELVET BEAN** A very heavy yielding Legume belonging to the Soja and Cow Pea class. The most rampant growing of all these sorts. Very popular in the South—and of value in the North for a cover crop. Price, 3 oz pkt 10c,  $\frac{1}{2}$  lb 20c, 1b 30c, postpaid. By freight or express,  $\frac{1}{2}$  pk 75c, pk \$1.25, bu \$4.00, bags included.

**GIANT BEGGAR WEED** (Florida Forage Plant.) An upright growing Legume. A fine fodder plant which reaches immense size, also good for plowing under light soils. Cut for hay when first blooms appear. Plant 10 lbs. per acre. Pkt 10c,  $\frac{1}{4}$  lb 20c, 1b 60c, postpaid. By freight or exp., 5 lbs \$2.00, 10 lbs \$3.75.

### VAUGHAN'S SEED POTATOES

Have a good reputation of over twenty-five years' standing. True to Name. Grown by only experienced and careful men. Hand Sorted. Free from scab, the prony and small stock thrown out. Grown in the Far North. In the Red River Valley of Dakota.

PRICES RIGHT.—Our prices are low, quality considered.

### FENUGREEK

Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. Good for soiling. Oz 10c,  $\frac{1}{4}$  lb 15c, 1b 30c, postpaid.

### LENTILS

A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used for soups.

Lb 25c, postpaid. By express, 10 lbs \$1.25.

### LUPINS, YELLOW

Succeeds well on very poor soil and is exceedingly valuable for ploughing under to improve sandy soil. Good forage, green or as hay. Sow after frost; 90 lbs. per acre. Lb 30c, postpaid. By freight or express, 10 lbs \$1.50.

### SAINFOIN, or ESPARSETTE

An excellent perennial Fodder Plant, growing about 3 feet high, flowering in June and July. It is adapted for light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast; 12 to 15 lbs. in drills. Lb 25c, postpaid. By freight or express, 10 lbs \$1.20, 50 lbs \$4.50, 100 lbs \$8.50.

# CLOVERS AND NITROGEN GATHERING CROPS

**PRICES.** Clover and Alfalfa prices often vary greatly from week to week according to market. The prices below represent fair market values when this book is printed and are subject to change. Purchasers of large quantities should write for latest prices.  
Grain bags holding 2 bushels, 20c each extra.

## ALFALFA OR LUCERNE

### The best paying crop on the farm

Alfalfa once established is such a profitable crop that every farmer can afford to take great pains to obtain a stand. So much has been written concerning the high feeding value of this crop, its wonderful yields and fertilizing value to the land, it would be wasted time and space to go into details.

In the Eastern and North Central states there have been a great many failures in efforts to establish Alfalfa; however, with increasing knowledge of its needs, we find more successful plantings each year and it is safe to prophesy that within twenty years there will be a good sized field on nearly every farm. Farmers who have not tried the crop should begin with a small experiment and gradually increase the acreage.

Methods of planting vary greatly. In the East spring sowing has not been generally successful as weeds start earlier than Alfalfa, win the race and spoil the stand. A successful method has been to manure the alfalfa field in winter or early spring and harrow it with a disk. Harrow as early as possible. Let a plowing follow and afterwards disk at regular intervals. Disking is practiced to keep down weeds and to prevent hardening of the ground. After a thorough cultivation and harrowing, about the last of July, broadcast the seed about 20 lbs. to the acre. Harrow it in one inch. Do not sow on wet, acid or poor soils.

We offer American grown seed, raised in the Northwest and West on non-irrigated land. It is as free as possible from noxious weeds. Purchasers of Alfalfa should examine their seed carefully themselves, or submit samples to authorities like their State Experiment Stations, or better, the Seed Laboratory at Washington for analysis. **Lb 30c, (by mail 38c), 10 lbs \$2.50, 100 lbs \$23.50.**

## TURKESTAN ALFALFA

Seed imported from Asia. It is generally regarded as more hardy than American seed. Uniform hardy seed is hard to obtain as there is a great variation in climate in Turkestan. Small plantings only recommended. **Lb 30c (by mail 38c), 10 lbs \$2.25, 100 lbs \$20.00.**

## FANCY MEDIUM RED CLOVER

Clover seed this year is much higher than last owing to a bad winter and summer drought. Much seed is light, weedy and of poor germination. Sow the cleanest highest germination seed you can find. If unable to determine yourself what is good, send samples of what you are offered to your State Experiment Station or the United States Department of Agriculture Seed Laboratory at Washington for analysis. Our seed is the purest and highest high testing seed we can buy and we are at all times willing to submit samples from identical lots of seed. Sow 8 to 10 pounds to the acre.

**Price January 20th, 100 lbs \$18.50, bu \$11.50, 10 lbs \$2.25, 1 lb 25c (by mail 33c).**

## MAMMOTH RED CLOVER, FANCY SEED

Grows larger than the medium, does well on light thin lands. **Price Jan. 20th, always subject to market changes, 100 lbs \$18.50, bu \$11.50, 10 lbs \$2.25, 1 lb 25c (by mail 33c).**

## WINTER VETCH, *Vicia Villosa*

**The Winter Cover Crop.** Also called Sand or Hairy Vetch. This is a hardy legume sown in the Northern states in the Fall months; growing well that season, and remaining green all winter. It supplies a place in the North that the less hardy crimson clover does in the South. As a Winter cover crop, it prevents washing or leaching of soil during the Winter, and at the same time being a nitrogen gatherer enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop, 10 to 20 lbs. per acre. For hay use, 1 bushel. **Price 25c, postpaid. Bu 60 lbs \$5.25, 100 lbs \$8.25.** Write for latest prices in fall. We are headquarters on this seed.

## SPRING VETCH, or TARES

(*Vicia Sativa*—Oregon Vetch.) Sown broadcast at rate of 1 to 1½ bushels to acre, like wheat or barley, and sometimes mixed with oats for soiling. Valuable for orchards. Used in France and Canada as a substitute for peas. Culture same as field peas. **Per qt 20c, pk 85c, bu \$3.00. Bags 20c each, extra.**

## CANADA FIELD PEAS

Very valuable in the Northern States for cattle feeding. Excellent for horses and pigs when sown with oats. With the present season's high prices for oats farmers will find it very profitable to sow these peas with oats for feed. We have a splendid grade of Northern grown fancy seed. Sow broadcast and harrow in at the rate of 2 bushels per acre, if sown with oats use one bushel. **Present price (market fluctuates), bu \$2.25, 2 bu \$4.35, 10 bu \$20.00, includes bags.** Write for price on larger lots.



## ALSIKE or HYBRID CLOVER

For wet, cold and stiff soils. Seed is small and plants a wider area than Medium or Mammoth. Sow 5 to 6 lbs. to the acre. **Vaughan's (V) Brand, Lb 25c (by mail 33c), 10 lbs \$2.25, bu (60 lbs) \$11.00, 100 lbs \$18.00.**

## WHITE CLOVER

Mixed with other grasses. For lawn purposes this is very desirable on account of its creeping stems. It spreads rapidly and acts as a binder. Very hardy. In permanent pastures is of considerable value. Crop is extremely short this year. Extra fancy seed. **Lb 50c (by mail 58c), 10 lbs \$4.00, bu (60 lbs) \$21.50, 100 lbs \$35.00.**

Choice Seed. Clean, but not as bright as above. **Lb 40c (by mail 48c), 10 lbs \$3.50, bu (60 lbs) \$18.75, 100 lbs \$30.00.**

## CRIMSON CLOVER

Annual crop much used in the East and South for soiling or pasture. It is being tried in the North. **Lb 25c (by mail 33c), 10 lbs \$2.00, bu (60 lbs) \$10.00, 100 lbs \$16.00.**

## BOKHARA or SWEET CLOVER

Used for soiling. Also valuable for planting near bees. **Lb 30c, (by mail 38c), 10 lbs \$2.25.**

## COW PEAS The Great Soil Improver

**Market price unsettled.** Write us for latest quotations.

More and more Cow Peas are planted every year as the farmer realizes more and more their great value as a soil enricher. The plant is a legume, and through the agency of the nitrogen producing bacteria on its roots adds this valuable plant food to the soil much cheaper than it is possible to obtain it in any other way. Cow Peas make excellent hay; should be cut and cured the same as Clover; then the stubble with its new growth may be turned under as a fertilizer. Kaffir corn sown with Cow Peas holds the vines off the ground, causing a better growth.

For those in the North who have had poor success with Cow Peas, we suggest the plant must have a warm, almost sandy soil. Where never grown before, the best results may be had in drilling the seed and cultivating at first as for field beans—the growth being quite slow at first; weeds get the best of things unless kept down.

## NORTHERN GROWN COW PEA: Michigan Favorite

A true early type, so long sought. The best for Northern planting, as it ripens as far north as Central Michigan and Wisconsin. **Peck \$1.00, bu \$3.50.**

## SOUTHERN BLACK EYE

**Peck \$1.00, bushel \$3.50.**

Postpaid price all Cow Peas 35c per quart.

Write for latest market price on quantity of any of the above

## SOJA OR SOY BEANS

A valuable legume somewhat on the order of cow peas. The dry beans and green forage furnish good feed, being high in protein and, also like Clover, a nitrogen gatherer, enriching the soil. Used as hay when cut before the pods are fully developed. Also often grown with corn and used in silos. The beans are sown after all danger of frost, in drills 30 inches apart, and 3 or 4 inches apart in the row. One-half bushel is usually needed per acre.

## SOUTHERN GROWN SOY BEANS

Yellow, ½ peck 60c, peck \$1.00, bushel \$3.50.

**Northern Grown.** Write for prices and varieties



WINTER VETCH

# Vaughan's High Grade Recleaned Grass and Clover Seeds.

Our endeavor is to handle only the very best and purest grass seeds. Our fancy grasses for lawns and golf courses, as well as our standard farm species, are direct from the producers and are the very best samples the market and season afford. We supply only the best and highest germinating seed and our prices are based on supplying this quality. We cannot, therefore, nor do we wish, to compete with half-cleaned, mixed and graded seed offered at cheaper prices. We invite analysis and microscopic examination.

Prices on grass seed fluctuate like those of grain, changing daily, therefore, although we shall do our best to main-

tain the prices below; these figures are at all times subject to market changes. Should these seem high, write for the latest quotations. Our locations, Chicago, the grass seed center of the United States, and New York, the largest importing center, put us in a position to quote the very lowest prices on the qualities we supply. Samples for the asking.

Prices below do not include postage. If desired by mail, add 8c per lb. Grain bags 25c each extra for bushel lots or more. Unless otherwise noted, prices on this and the next two pages apply to shipments either from Chicago or New York.



RED TOP GRASS (*Agrostis Vulgaris*).

### RED TOP GRASS (*Agrostis Vulgaris*).

This is one of the most generally useful agricultural grasses we have. It will grow upon every soil and give entire satisfaction to the farmer. It is not only a good meadow grass, but is one of the best pasture species, grazing being a benefit and almost a necessity for its perpetuation and preservation. In a moist soil it does the best, and in swampy places that would otherwise produce nothing in the grass line, Red Top will thrive with the greatest vigor. Where other grasses demand special soils, Red Top will do well, whatever is the character or location of the soil. Not so good as Timothy for hay, but as a combination for hay and then pasture, it is the best of nearly all the economic grasses. Sow alone or with a nurse crop. One bushel of chaff, or unhulled Red Top, or one-half bushel of Fancy Seed is sufficient to sow an acre.

For lawn purposes it is one of the very best, forming a low growing turf and germinating rapidly. Seed comes in two grades—the chaff or unhulled seed, weighing 14 lbs. to the bushel, and the fancy, re-cleaned from chaff, seed, weighing 32 lbs. to the bushel. Our seed is the cream of this year's crop, has been carefully re-cleaned and is free from noxious weeds and light chaff.

**Fancy.** Bushel, 32 lbs. Lb., 30c (by mail, 38c); 10 lbs \$2.25; 100 lbs., \$18.50.

**Common.** Bushel, 14 lbs. Lb., 20c (by mail, 28c); 10 lbs., \$1.70; 100 lbs., \$12.00.

### AGROSTIS CANINA (Rhode Island Bent Grass).

A valuable lawn grass. Resembles Red Top somewhat, but has shorter and narrower leaves. Much used in the East, especially in the New England States. Makes a very fine colored, close turf and readily adapts itself to almost any soil, wherein again it is similar to Red Top. Of considerable value for permanent meadows and pastures. For lawn sow 3 to 4 bu. This seed is imported, and on account of poor crop conditions in Europe this season, is scarce. 14 lbs. to the bushel. Lb., 35c (by mail, 43c); 10 lbs., \$3.25; 100 lbs., \$30.00.

### AGROSTIS STOLONIFERA (Creeping Bent Grass).

The ideal grass for golf-putting greens. Very distinct, with long prostrate or creeping stems. Its creeping root and spreading habit form a lasting turf that withstands hard usage better than other sorts. The leaves are fine and dense growing, making it valuable for low bottom lands and especially for slightly sandy soil. Good for both hay and pasture. Our sample specially cleaned and heavy. Seed scarce. Sow 50 lbs. to the acre. 14 lbs. to the bushel. Lb., 35c (by mail 43c), 10 lbs., \$3.25; 100 lbs., \$30.00.

### ALOPECURUS PRATENSIS (Meadow Fox Tail).

The most valuable grass for moist meadows and pastures, particularly the latter. One of the earliest of all grasses, thus permitting early pasturage. Very hardy, and after the second or third year, when it comes to full yield, produces a large amount of excellent forage. Should enter into all mixtures for permanent pastures. Is never sown alone, as it does not reach maturity for two or three years. Sow with other grasses, 3 to 4 lbs. to the acre; 7 lbs. to the bushel. Lb., 35c; (by mail, 43c); 10 lbs., \$3.25; 100 lbs., \$30.00.

### ANTHOXANTHUM ODORATUM PUELLI (Sweet Vernal Grass).

An annual of sweet scent but bitter taste, so that it is of small value for pasturage, but is of some value for lawn purposes. 10 lbs. to the bushel. Lb., 25c (by mail, 33c); 10 lbs., \$2.00; 100 lbs., \$17.00.

**ANTHOXANTHUM ODORATUM (True Sweet Vernal).** A perennial. Lb., 70c (by mail, 78c); 10 lbs., \$6.50.

### AVENA ELATIOR (Tall Meadow Oat Grass).

An excellent meadow grass both for Winter grazing and for hay for the Southern States and dry climates. Growth is rapid, it blooms early and when cut dries out rapidly. Not suited to heavy, moist soils. Yield very heavy, permits three to four cuttings on good soil. Should not be sown alone, as it does not form a compact turf. Very hardy, notwithstanding extreme drought, heat and cold. 13 lbs. to the bushel. Lb., 25c (by mail 33c); 10 lbs., \$2.25; 100 lbs., \$20.00.

KENTUCKY BLUE GRASS (*Poa Pratense*).

**Fancy Seed.** Agriculturally this is well called the King of all Pasture Grasses. However, it is not such a general purpose grass as is Red Top. Wherever this grass does well, generally on lime soil, land there at once commands a high price, as it becomes the animal breeder's ideal location. This grass requires some time to establish itself. For a couple of years should only be lightly grazed. Time for sowing depends on the locality. There are three principal times of sowing, in the Fall, in the early Spring and again in June. Sow three bushels (14 lbs. to the bu.) per acre. This seed should never be covered, but only rolled after sowing, as the seed germinates better in the light than in the dark. Our seed this year was specially saved for us by one of the largest Kentucky growers, is almost free from foreign and chaffy matter, and our tests show a very high percentage of germination. Purchasers should beware of cheap Blue Grass, as it is sure to be light seed or else mixed with the cheaper Canadian Blue Grass.

For lawn purposes it is the standard and superior to any other sort. Under favorable soils it will withstand all variations in weather and climate.

**Fancy Seed.** Ib., 35c; 3 lbs., \$1.00; 5 lbs., \$1.65; bu. (14 lbs.) \$4.50; 5 bu., \$21.50.



Kentucky Blue Grass.

### CANADA BLUE GRASS (*Poa Compressa*).

This is a hardy perennial grass, which forms a strong turf on account of its dense creeping root stalks. It adapts itself to all soils and withstands differences of soils and climate better than most other grasses. Particularly adapted to the Eastern and Middle States for pasture and dairy use. For a lawn grass it is of considerable value where the turf is subjected to hard usage. 14 lbs. to the bushel. Lb., 20c (by mail, 28c); 10 lbs., \$1.60; 100 lbs., \$14.00.

### ENGLISH BLUE GRASS (*Festuca Pratense*, or Meadow Fescue).

A native of Europe, it has become thoroughly naturalized here. The grass is a very permanent one and is especially valuable for permanent pastures where the soils are not too dry. In the Western Central States it has done especially well. Should be sown with other grasses, as it does not come to full bearing for two or three years. Our seed is choice American grown. Sow 1½ bushels to the acre, 20 lbs. to the bushel. Lb., 40c (by mail 48c); 10 lbs., \$3.50; 100 lbs., \$32.00.

### BERMUDA GRASS (*Cynodon Dactylon*).

A very valuable grass in the warmer climates. In the Southern States and warmer regions of the Southwest on the Pacific Coast, it is cultivated extensively and is most highly prized, chiefly for grazing, all kinds of stock being exceedingly fond of it. Resists extreme drought and high temperature and grows freely on a sandy soil where other grasses will not thrive. Does not do well in the shade. As a lawn grass it is much used in the South with excellent results. Being difficult to eradicate, it should not be placed in a soil except desired permanently. Seed should be sown at the rate of 15 lbs. to the acre. Sow in the Spring. 36 lbs. to the bushel. Lb., 90c (by mail 95c); 10 lbs., \$8.50.

### BROMUS INERMIS.

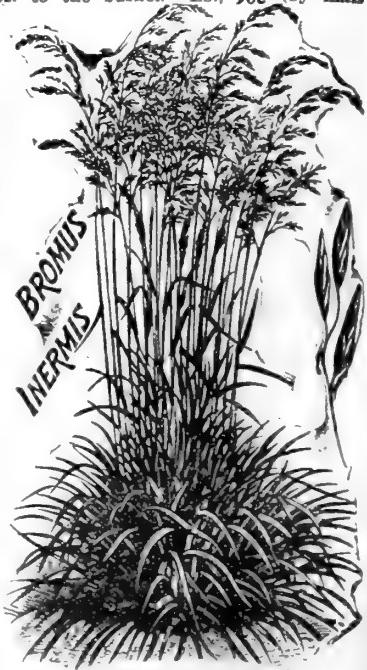
(Awnless Brome Grass.)

A most valuable and comparatively new grass for meadow use. In the arid regions of the West and Northwest this grass has a great future. It is very hardy, strongly stoloniferous (creeping roots), and quickly makes a thick, firm turf. Particularly hardy and unusually drought resisting, it is now more highly regarded for its feed value than a few years ago, and does not compare unfavorably with Timothy or similar hay. Somewhat difficult to eradicate, so should be given a permanent place. Cut when first coming into bloom. Our seed is choice and re-cleaned. 14 lbs. to the bushel. Sow two bushels to the acre. Lb., 20c (by mail, 28c); 10 lbs., \$1.25; 100 lbs., \$10.00.

### CYNOSURUS CRISTATUS.

(Crested Dog's-tail.)

A valuable lawn grass, as it forms an even and compact sward. Does fairly well in shade and should be a constituent of all good shade lawn mixtures. Good for pasture. For lawn purposes it should be sown with other grasses, about 5 lb. to the acre. 21 lbs. to the bushel. Lb., 40c (by mail 48c); 10 lbs., \$3.50; 100 lbs., \$32.00.



AWNLESS BROME GRASS.

ORCHARD GRASS (*Dactylis glomerata*).

A very hardy popular grass grown successfully almost anywhere in the United States, flourishes in shade or sun-shine, therefore excellent for woodland pastures with good soil. Wet soils do not suit it. Good for both hay and pasture. Valuable in pasture because it offers feed a few days after moist weather in Spring, and it may be cut for hay before Timothy. Deep pasturing that would destroy Timothy improves this grass. Has a tendency to grow in stools and leaves bare spaces, which may be overcome by rolling and harrowing. Red Clover sown 10 lbs. to the acre is also a good preventive. Not a good lawn grass, even in shade. 14 lbs. to the bushel. Lb., 25c (by mail, 33c); 10 lbs., \$2.00; 100 lbs., \$17.00.

The market price on grass seeds varies like that of grain. Purchasers in quantity should write for the latest prices and samples before ordering.

FESTUCA DURISCULA (Hard Fescue.)

This grass does well in sandy pastures. Is a slender, and very tufted perennial, a dwarf form of Sheep's Fescue. A good grass for resisting drought. Of fair value as a lawn grass, and must be sown very thickly on account of its forming tufts. Sow 30 lbs. to the acre; 12 pounds to the bushel. Lb., 25c (by mail, 33c); 10 lbs., \$2.00; 100 lbs., \$18.00.

FESTUCA HETEROPHYLLA (Various Leaved Fescue.)

A perennial grass, native of Europe. Of some value agriculturally as a bottom grass in pastures. Good for both hay and pasture. For lawn purposes is quite desirable, especially for shaded places, its fine soft leaves and its creeping roots making a very good turf. Sow 40 lbs. to the acre; 18 lbs. to the bushel. Lb., 30c (by mail, 38c); 10 lbs., \$2.75; 100 lbs., \$25.00.

FESTUCA OVINA (Sheep's Fescue.)

A good grass for up-land pastures and for sandy and poor soils. Is very hardy and resists extremes of weather. It grows in tufts, but its fine foliage and dense growth permits its use for lawn purposes. Sow 35 lbs. to the acre; 12 lbs. to the bushel. Lb., 25c (by mail, 33c); 10 lbs., \$2.00; 100 lbs., \$18.00.

ORCHARD GRASS.

FESTUCA RUBRA. (Red, or Creeping Fescue.)

This is a creeping rooted species of Fescue. On account of its creeping roots, forms a compact and durable turf, especially valuable for binding loose soils and for gravelly banks and dry slopes. An excellent bottom grass for pastures and especially for those which are quite shaded. For a lawn grass, is very good, especially for shaded spots. Sow 30 lbs. to the acre; 14 lbs. to the bushel. Lb., 30c (by mail, 38c); 10 lbs., \$2.50; 100 lbs., \$22.00.

FESTUCA TENUIFOLIA (Slender Fescue.)

Of principal value for lawn purposes where it does very well on dry and inferior soils, as well as in shady places. Good for edgings. Sow 30 lbs. to the acre; 22 lbs. to the bushel. Lb., 35c (by mail, 43c); 100 lbs., \$30.00.

JOHNSON GRASS (*Andropogon Halepensis*).

A drought resister and much used in the warmer parts of the southern states. Used for hay, it should be cut just as it comes into bloom, when it is much liked by all kinds of stock. It is very difficult to eradicate on account of its powerful and rapidly spreading roots, and should be used only on permanent pastures or meadows; 25 lbs. to the bushel. Lb., 30c (by mail, 38c); 10 lbs., \$2.50; 100 lbs., \$20.00.

LOLIUM ITALICUM. (Italian Rye Grass.)

Called a perennial but rarely lasts for two years. Likes a rich, moist, loamy soil where the grass does remarkably well and produces good hay and pasturage. Desirable for this purpose in temporary pastures. Develops very rapidly and is excellent for soilings. Withstands extremes of temperature and remains green throughout the Winter. Valuable in lawn grass mixtures demanding immediate effect. Eighteen lbs. to the bushel. Lb., 20c (by mail, 28c); 10 lbs., \$1.00; 100 lbs., \$8.00.

VAUGHAN'S MEADOW MIXTURES.No. 1. ON GOOD LAND, NEITHER TOO DRY NOR TOO WET.

This mixture is composed of the following grasses and clovers, blended in the proper proportions:

Fancy Red Top.	Orchard Grass.	Timothy.	Perennial Rye Grass.
Meadow Foxtail.	Hard Fescue.	Red Clover.	
Tall Meadow Oat Grass.	Sheep's Fescue.	Aliske Clover.	
Crested Dog's Tail.			

Price, 10 lbs., \$1.05; 35 lbs. (about enough for one acre), \$5.00; 100 lbs., \$13.50; 1,000 lbs., \$130.00.

No. 2. FOR HIGH AND DRY LAND.

This mixture is composed of the following grasses and clovers:

Fancy Red Top.	Hard Fescue.	Rough-Stalk Meadow Grass.
Tall Meadow Oat Grass.	Sheep's Fescue.	
Crested Dog's Tail.	Timothy.	Red Clover.

Price, 10 lbs., \$2.00; 35 lbs. (about enough for one acre), \$6.00; 100 lbs., \$16.50; 1,000 lbs., \$160.00.

TIMOTHY (*Phleum pratense*).

The most popular of all grasses for hay and the standard to which all other hay is compared. It is a perennial, doing best on a moist, tenacious, rich soil. On light soils the yield is generally scant. The best results are had by sowing Timothy with a mixture of Red Top and Clover. Timothy does not make a suitable pasture as there is little growth after being cut and trampling of stock soon destroys it. Hay should be cut just when it has stopped flowering. Quantity of seed per acre varies with the character of the soil. On heavy soils sow one-third to one-half bushel per acre, on light soils less.

Our choice (V) Brand is clean, bright and of high germination. Market varies; 45 lbs. to the bushel. Present price, January, Lb., 15c (by mail, 28c); 10 lbs., \$1.25; 100 lbs., \$11.00.

TIMOTHY (*Phleum pratense*).LOLIUM PERENNE. (English or Perennial Rye Grass.)

The hay grass of England where its position is the same as Timothy in the United States. Also does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soils best suited to it. The seed is heavy and very quick to start. It is a valuable lawn grass, especially where quick results are sought. Sow 50 to 60 lbs. to the acre.

Perennial Rye Grass—Extra Heavy Seed (30 lbs. to the bu.) Lb., 20c (by mail, 28c); 10 lbs., \$1.50; 100 lbs., \$10.00.

Perennial Rye Grass—Standard Weight (24 lbs. to the bu.). Lb., 12c (by mail, 20c); 10 lbs., \$1.00; 100 lbs., \$8.00.

POA TRIVALIS (Rough Stalked Meadow Grass.)

A perennial species closely related to Kentucky Blue Grass. Does best in moist cool locations and its principal use is as a bottom grass in permanent pastures. For lawn purposes it does well on sandy moist spots on account of its spreading roots. Sow about 15 to 20 lbs. to the acre, 14 lbs. to the bushel. Lb., 45c (by mail, 53c); 10 lbs., \$4.00; 100 lbs., \$35.00.

POA NEMORALIS (Wood Meadow Grass.)

In the Northern and Middle States this is the best of all lawn grasses for deep shade. Very hardy and a perennial. Its creeping roots establish a lasting, even and deep green turf. On dry rich soils it makes good pasturage and hay, but is usually too expensive to sow; 14 lbs. to the bushel. Lb., 60c (by mail, 68c); 10 lbs., \$5.75; 100 lbs., \$55.00.

Vaughan's Hay and Pasture Special Grass Mixtures.

OUR customers have been quick to appreciate the value of these special mixtures in producing a heavier, thicker and longer continued growth than when one or two grasses only are used. The use of such mixtures is sure to become universal. For other conditions or soils not stated below, write us.

Every sample of grass in each mixture is of the choicest re-cleaned quality. The following are the leaders:

VAUGHAN'S PASTURE MIXTURE.No. 3. ON GOOD LAND, NEITHER TOO DRY NOR TOO WET.

This mixture contains some of each of the following, properly proportioned.

Sheep's Fescue.	Kentucky Blue Grass.
Tall Meadow Oat Grass.	Timothy.
Red Top.	Red Clover.
Orchard Grass.	Meadow Foxtail.
Price, 10 lbs., \$2.00; 35 lbs., (about enough for one acre), \$6.00; 100 lbs., \$16.50; 1,000 lbs., \$160.00.	White Clover.

This mixture is composed of the following:

Creeping Bent Grass.	Orchard Grass.
Tall Meadow Oat Grass.	Red Clover.
Kentucky Blue Grass.	White Clover.
Price, 10 lbs., \$1.85; 35 lbs., \$5.50; 100 lbs., \$14.50.	Perennial Rye Grass.

This mixture contains:

Orchard Grass.	Kentucky Blue Grass.
Fancy Red Top.	Timothy.
Meadow Fescue.	Rough-Stalk Meadow Grass.
Perennial Rye Grass.	Meadow Foxtail.

Price, 10 lbs., \$2.00; 35 lbs., \$6.00; 100 lbs., \$16.50.

**THE AMOUNT OF SEED**  
necessary to sow an acre largely depends on the quality of the land; the poorer the soil the larger the quantity required. A fair average is from 35 to 40 pounds to the acre. The thicker seeds are sown, the sooner will a fine close turf be obtained.



Vaughan's "Fair Green" Golf Mixture, composed of extra cleaned and heavy lots of hardy and vigorous grasses.

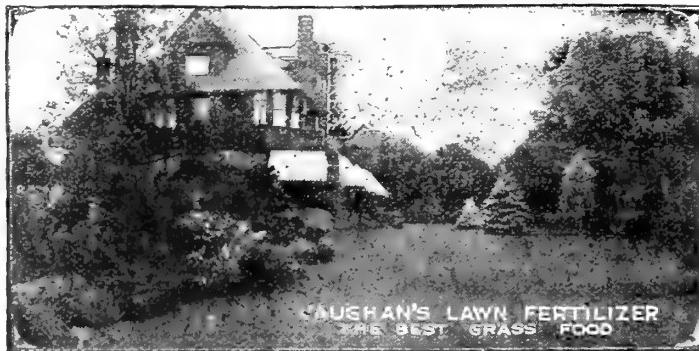
### VAUGHAN'S "PUTTING GREEN MIXTURE"

A mixture of the extra fine leaved low growing grasses that will make a close, firm, green and lasting turf. The "Putting Green" is, of course, the most important turf on the whole links, so we invite correspondence as to local conditions which may affect the growth of the different grasses. Sow 1 lb. every 350 to 400 sq. ft. Price, per lb., 35c; 5 lbs., \$1.50; 50 lbs., \$13.50; 100 lbs., \$26.00.

### VAUGHAN'S MIXTURE FOR TENNIS LAWNS.

For Cricket, Croquet, Bowling Greens, etc.

A mixture of strictly perennial grasses without clovers, specially adapted to produce a close fine enduring sward. Sow from 50 to 60 lbs. per acre for a new lawn or bowling green; 15 to 20 lbs. per acre to improve existing turf. Price, per lb., 35c; 5 lbs., \$1.50; 15 lbs., \$4.35; 25 lbs., \$7.00; 50 lbs., \$13.50; 100 lbs., \$26.00.



VAUGHAN'S LAWN FERTILIZER  
THE BEST GRASS FOOD

### HARD WOOD ASHES.

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion growers. Price: 25 lbs., 45c; 50 lbs., 75c; 100 lbs., \$1.25; 500 lbs., \$5.00; 1,000 lbs., \$9.50; ton, \$18.00.

### GYPSUM, or LAND PLASTER.

This is still used as a fertilizer for grass and we can supply it at: 100 lbs., \$1.00; 500 lbs., \$4.00; 1,000 lbs., \$7.00; ton, \$13.50.

### TOBACCO DUST.

This contains some of the elements that induce the growth of grass, and is a real good fertilizer for that purpose. 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 500 lbs., \$11.25.

### FOR GOLF AND TENNIS CLUBS.

We make special mixtures suitable for different soils and conditions. Certain grasses do better than others under certain conditions, and on particular soils. All our fancy grasses for lawn purposes are especially cleaned, and the pick of the markets both in this country and abroad. We invite the closest analysis on all our grasses. Write us concerning wants, and we shall be pleased to furnish samples and latest market quantity prices. We supply many of the very largest clubs in the country. For full descriptions and approximate prices of fancy grasses used on lawn and recreation grounds, see pages 138 and 139.

### VAUGHAN'S "GOLF LINK" (FAIR GREEN) GRASS SEED.

Most of the older Golf Clubs have their own special mixtures which they have found best suited for their needs. For those who have not, this mixture is one that will give general satisfaction on the majority of soils. The grasses comprising the mixture will stand wear and tear, and still retain its good appearance. Sow 75 to 100 lbs. per acre. Price, per lb., 30c; 5 lbs., \$1.35; 50 lbs., \$12.75; 100 lbs., \$25.00 Special price on larger lots.



Vaughan's Putting Green Mixture—the fanciest samples of low-growing, velvety-appearing grasses.

### VAUGHAN'S HIGH GRADE LAWN FERTILIZER.

It does the work of twenty times its weight of barnyard manure.

Does it better, quicker, cheaper and lasts longer.

Lawn grass is a voracious feeder, and must have plant food in order to hold its beautiful, dark green color and velvety appearance. The ordinary stable manure contains the desirable chemical plant foods. However, it has serious drawbacks, in being hard to handle, ill-looking, decidedly odorous, and, not the least of all, it contains weed seeds. All of these objections are obviated by the use of our lawn fertilizer. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of our Lawn Fertilizer with a little of our Chicago Park Lawn Seed over the thin spots, and the work is done.

**DIRECTIONS FOR USE.** The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of 25 pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn, scatter double the amount, say 50 pounds of fertilizer, broadcast on every 1,000 square feet, and rake it in thoroughly before sowing the seed.

**Price.**—5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50; 500 lbs., \$12.00; 1,000 lbs., \$22.00; 2,000 lbs., \$42.00.

Price includes delivery within 20 miles of Chicago.

**New York Prices.**—Add 50c per 100 lbs., and \$7.00 per ton to above prices.



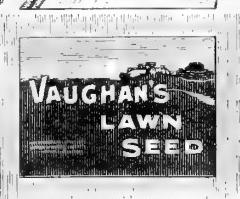
## VAUGHAN'S "CENTRAL PARK" LAWN SEED

### MANY NOTABLE PLACES

Of individuals and clubs who have used with satisfaction Vaughan's Lawn Grass Seed, may be mentioned: John D. Rockefeller's Golf Grounds, Lakewood, N. Y.; Tuxedo Park Association, Tuxedo Park, N. Y.; Theodore Roosevelt, Oyster Bay, L. I. Many of the finest show places on Long Island, along the Hudson and in New Jersey. In the West, the Glenwood, Glenview, Calumet, Exmoor, Evanston, Westward Ho, Homewood, Midlothian, Ravislooe and other Chicago Golf Clubs, and almost all of the fine private grounds in Lake Geneva, Oconomowoc, Lake Forest, and along the Chicago North Shore.

### "HOW TO MAKE A LAWN"

A few suggestions and hints in pamphlet form which we enclose in all our packages of lawn grass seed.



**SPECIAL QUOTATIONS.**—We shall be pleased to quote special prices to Golf Clubs, institutions, parks and others, who require Lawn Grass and Clover Seeds in large quantities.

PRICE per lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.65; 15 lbs., (bushel), \$3.95; 20 lbs., \$5.20; 25 lbs., \$6.45; 50 lbs., \$12.75; 100 lbs., \$25.00. If to go by mail add 8c per lb. for postage.

**QUANTITIES TO USE**

1 lb. for 400 square feet.
5 lbs. for 2,000 square feet.
10 lbs. for 4,000 square feet.
15 lbs. for 6,000 square feet.
25 lbs. for one-fourth acre.
100 lbs. for one acre.

### VAUGHAN'S "QUICK SHOW" LAWN MIXTURE

There are many people who desire a lawn that will make a showing immediately after planting. This mixture contains the quickest growing grasses, and while not possessing the permanency or color of our "Chicago Parks," will still make a respectable showing after the first season. Sow 50 lbs. to acre. Price per lb., 20c; 5 lbs., 85c; 25 lbs., \$4.00; 100 lbs., \$15.00.

### VAUGHAN'S SPECIAL GRASS MIXTURE

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Sow 50 lbs. to acre. Price per bu. of 20 lbs. \$5.50.

### VAUGHAN'S DEEP SHADE MIXTURE

For use under large trees where the shade is dense. Made up of the most expensive fancy grasses only, such as Wood, Meadow, Rough Stalked Meadow, Slender Fescue, etc. Per bushel of 20 lbs. \$7.50.

**M**ORE than thirty years' experience in the preparation and use of our famous Lawn Grass Seed has produced an ideal mixture.

We have in it all the kinds which make a permanent and lasting turf. We mix with the right proportion of each and keep in mind the adaptability of all. The many varieties are obtained from sources where each grows and ripens best; some from abroad, most from best grass producing States of the United States. The curing, cleaning and testing for vitality is all of the most practical and critical nature.

We invite microscopic examination, comparison or analysis.

The very best lawns in the United States are produced from our Lawn Grass Mixtures. The Central Park Lawn Grass Seed mixture originally planned for use in our famous city parks has been sold at our stores for many years with great satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. There are no annual grasses for the making of a "quick show" to the detriment of a good lawn. Only those grasses of lasting value and hardiness which once established need no re-seeding for years, are contained in this mixture. Every grass used is as pure as can be obtained, our cost being of secondary consideration. Careful cleaning makes it as free as possible from foreign matter.

### Vaughan's "COLUMBIAN" Lawn" Grass Seed

For Shaded Lawns and Sandy Soil.

A selection of the fine grasses which thrive naturally under the shade of trees or buildings, or are suitable for light sandy soil. This mixture was extensively used on the World's Fair Grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results. Sow at least 100 lbs. of seed per acre to make a new lawn, or 50 lbs. per acre for thin grass. Price per lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.65; 20 lbs., \$5.20; 25 lbs., \$6.45; 50 lbs., \$12.75; 100 lbs., \$25.00. If by mail add 8 cents per lb. for postage.

### VAUGHAN'S LAWN RESTORING GRASS MIXTURE

A mixture of grasses peculiarly suited to take firm hold and grow quickly on hard, worn-out or burned spots. The best time to re-sow them is very early in spring, but seed may also be sown in the fall from first of September to first of October. Some Lawn-restoring Grass Seed should also be sown before every summer rain or thin places. Price per quart 25c; per bushel of 24 lbs., \$5.50.

**KENTUCKY BLUE GRASS.** Many prefer this to a mixture of grasses, and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer, however, to get it established. Fancy Clean Seed. Per lb., 35c; 3 lbs., \$1.00; bushel, 14 lbs., \$4.50; 5 bushels, \$21.50.

**RED TOP GRASS.** Fancy Clean Seed. Per lb., 30c; 5 lbs. for \$1.35.

**RED TOP GRASS.** Choice Seed. Per lb., 30c; 5 lbs., 90c.

**WHITE CLOVER.** Extra Choice Seed. Per lb., 50c; 3 lbs., \$1.40; 5 lbs., \$2.15; 10 lbs., \$4.00. Add 8 cents per lb. to above prices if wanted by mail.

VEGETABLE PLANTS.

Cabbage. Ready about April 20th. We can supply the following varieties: Early Jersey Wakefield, Danish Summer Ballhead, Glory of Enkhausen, Late Flat Dutch, Iron Head Savoy and Mammoth Rock Red.

Cauliflower. Ready April 20th. Vaughan's New Snowball and Extra Early Erfurt.

Tomato. Ready about May 15th. The following varieties: Earliana, Dwarf Champion, Dwarf Stone, Ponderosa, New Stone, Beauty and Yellow Plum.

Prices of above: 2-in. pot plants (sent by express at buyer's expense), doz 50c, 100 \$3.00.

Transplanted plants from flats, doz 30c, 25 for 55c, postpaid. By express, doz 25c, 100 for \$1.75, 1000 for \$15.00.

Seedlings from the hot beds, doz 20c, 50 for 75c, 100 for \$1.25, postpaid. By express, 1000 for \$6.00.

Egg Plant. Ready about May 15th. New York Purple Improved.

Pepper. Ready about May 15th. Vaughan's Sweet Mountain, Chinese Giant, Magnum Dulce, Ruby King and Cayenne.

Prices of the above: 2-in. pot plants (by express only at buyers' expense), doz 60c, 100 \$4.00.

Transplanted plants from flats, doz 35c, 25 for 60c, 50 for \$1.10, prepaid. By express, doz 30c, 100 for \$2.00, 500 for \$8.00.

Seedlings from the hot beds, doz 25c, 50 for 80c, 100 for \$1.50, postpaid.

Early Celery. Ready in June. White Plume, Golden Self-Blanching and Giant Golden Heart.

Late Celery. Winter Queen and Giant Pascal.

Celeriac. Giant Prague.

Transplanted plants, doz 20c, 50 for 50c, 100 for 75c, postpaid. By express, doz 15c, 100 75c, 250 for \$1.50, 500 for \$2.50, 1000 for \$4.50.

Sweet Potatoes. Ready about May 20th. Yellow Nansemond and Red Jersey. Plants, doz 20c, 50 for 65c, 100 for \$1.00, postpaid. By express, doz 15c, 100 75c, 1000 for \$4.00.

Chives. Clumps of roots, by express 10c, doz \$1.00. By mail add 10c per clump.

HERBS.

Hop Roots. Plant early. Doz 30c, by mail 35c.

Lavender Plants. Used for seasoning and perfumes. First size, 15c each, 3 for 40c, doz \$1.25. Second size, 25c each, doz \$2.00, postpaid.

Mint. Old Fashioned, for flavoring, sauces, etc. See page 33.

Sage. Holt's Mammoth. For seasoning and stuffing. 2 in. pot plants, each 15c; 3 for 35c; 7 for 50c; 12 plants for \$1.00; by mail, postpaid.

Tarragon Plants. For flavoring and vinegar. First size, 15c each; doz., \$1.00. Second size, 25c; doz., \$2.50, postpaid.

RHUBARB, or PIE PLANT ROOTS.

These roots planted in good soil in the early spring will make a good growth, yielding stalks for the table the following spring.

Clumps, 15c; 25, 50c and \$1.00 each, according to the size.

Sent by express at buyer's expense.

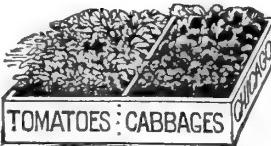
Seedlings, one year from seed, each, 10c; doz. \$1.00, postpaid.

HORSE RADISH SETS.

A very profitable crop in many places. Gardeners near any good market can make big money raising this root. Good clean sets. Price, per 50, 40c; 100, 75c, postpaid; 500, \$2.50; 1000, \$4.00 by express.

ARTICHOKE ROOTS (Jerusalem).

They are the best hog food known. Very fattening and very productive (over 1,000 bushels have been grown on one acre). Easily grown. They need not be dug, the hogs should be turned in on them. One acre will keep from 20 to 80 hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. Three bushels will seed an acre. Cut and plant like potatoes. Lb., 35c; 3 lbs., \$1.00, postpaid. By freight or express, peck, \$1.00; bu., \$3.00; bbl. of 3 bu. (enough for one acre), \$7.50; F. O. B. Chicago. If to go from New York, add 10c per peck, 20c per bu., and 50c per bbl. to these prices.



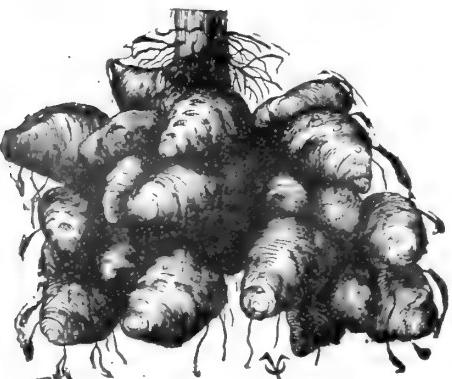
VAUGHAN'S VEGETABLE PLANTS.



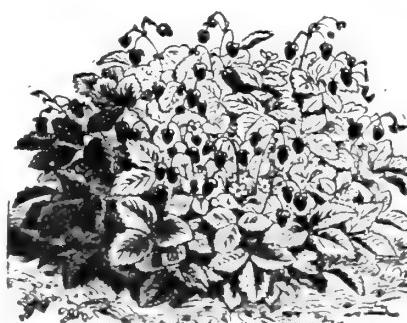
HORSE RADISH ROOTS.



RHUBARB.



JERUSALEM ARTICHOKE.



BUSH ALPINE STRAWBERRY.

TREE SEEDS.

Evergreen seeds should be sown very early in spring, in a firm, sandy seed-bed. Give the young seedlings some shade the first summer. Apple, Pear and Locust should be mixed with sand in boxes and exposed to frost; where this cannot be done, soak in hot water for an hour before sowing. The other deciduous seeds can be sown in April or May in drills 2 ft. apart.

One-pound lots and less include postage; larger lots at buyer's expense.

	Pkt.	Oz.	1/2 lb.	Lb.
Apple, 10 lbs	\$6.50	\$0 05	\$0 10	\$0 20
Arbor Vitae, American	10	20	65	2 50
Birch, White	10	15	40	1 25
Box Elder (10 lbs. \$3.50)	05	10	15	40
Catalpa Speciosa (scarce)	10	30	90	3 00
Catalpa Teas Hybrid, Japan	10	15	35	1 10
Locust, Honey (5 lbs. \$1.25)	05	10	15	40
Locust, Black or White	05	10	15	40
Maple, Oregon Mammoth	05	10	30	1 00
Mulberry, Russian	10	20	60	2 00
Osage Orange (short crop 1909 seed)	05	15	20	75
Pear, French	10	20	60	2 00
Pine Scotch	10	20	45	1 25
Spruce, Norway	05	15	30	80

SMALL FRUIT SEEDS.

These germinate slowly. Sow them early.

Strawberry, Bush Alpine. Grows in true bushy globular form with upright leaves. Can be used for borders. Fruits are perfectly true from seed. We offer both colors, red and white. Plants do not have runners. If sown early plants will bear the next year. Red or White, per pkt., 10c; 1 pkt., of each for 15c.

Strawberry Seed, Mixed. Of several best kinds; new hybrid seed; may produce valuable sorts. Pkt., 15c; 2 for 25c.

Strawberry, Belle de Meaux. Pkt., 15c; 2 for 25c.

Raspberry Seed. Large fruited sorts, mixed. Pkt., 10c; oz., 20c.

Currant, Red. Pkt., 10c; oz., 20c.

Currant, White. Pkt., 10c; oz., 25c.

Currant, Black. Pkt., 10c; oz., 20c.

New Everbearing Strawberry "La Perle." Large fruited. Pkt 20c, 3 pkts 50c.

TOBACCO SEED.

Comstock's Spanish. The favorite variety in the Wisconsin Tobacco district. Pkt., 10c; oz., 30c; 1/2 lb., \$1.00; lb., \$3.50.

Primus. Yields big crops of extra fine quality. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb., \$2.50.

Harby. A Turkish variety; stands heat and drought. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$3.00.

Brazilian-American. Finest Brazilian strain. Pkt., \$3.25.

Big Havana. A hybrid Havana or Cuban seed leaf. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb., \$2.50.

General Grant. It produces leaves 44 in. long, of proportionate breadth, and matures its crop perfectly as far north as Duluth, Minn. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.50.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is harder and endures cold better than others. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb., \$2.50.

Big Oronoko. Has no equal for strips and dark wrappers. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb., \$2.50.



GENERAL GRANT TOBACCO.

# VAUGHAN'S HIGH GRADE FERTILIZERS

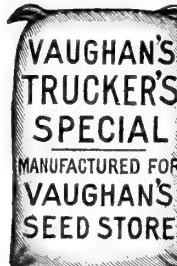
**The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth**

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of

the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden-products more than any other condition, and it is neither wise nor economical to depend on the natural condition of the soil or the application of stable manure only for profitable crops.

## VAUGHAN'S TRUCKER'S SPECIAL

This is our best brand of concentrated Manure, suitable for lawns and flowers as well as vegetables mentioned below. It is of exceptional value and will prove a money-maker to every farmer or gardener that uses it.



To be used on	Rate per acre.
Essex Rape	.200 to 500 lbs.
Asparagus	1,000 lbs.
Beans	.400 to 600 lbs.
Beet	.500 to 1,500 lbs.
Cabbage	.400 1,500 lbs.
Carrot	.300 to 800 lbs.
Celery	.600 to 800 lbs.
Cucumber	.400 to 800 lbs.
Lettuce	.500 to 1,000 lbs.
Onion	.500 to 1,500 lbs.
Tomato	.500 to 1,000 lbs.
Strawberries	.500 to 1,000 lbs.

Price, 25 lbs 85c, 50 lbs \$1.60, 100 lbs \$3.00, 200 lbs \$5.70, 500 lbs \$13.50, 1,000 lbs \$26.00, 2,000 lbs \$51.00.

## HIGH GRADE POTATO MANURE

The highest grade complete potato manure it is possible to compound. The potash, derived from sulphate potash, produces tubers rich in starch, and of the finest quality, and does not need the addition of animal manure or other fertilizing agents to grow maximum crops of clean, well formed, marketable tubers.

Price, 100 lbs \$2.50, 200 lbs \$4.25, 1,000 lbs \$20.00, 2,000 lbs \$35.00.

## FRUIT AND ROOT CROP MANURE

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the root. Quantity of pounds to be used per acre. Beet, 500 to 1,500; Carrot, 300 to 800; Parsnip, 400 to 1,000; Potato, 500 to 1,000; Sage, 200 to 600; Salsify, 500 to 1,000; Turnip, 500 to 1,000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1,000. Price, 25 lbs 65c, 50 lbs \$1.20, 100 lbs \$2.20, 200 lbs \$4.20, 500 lbs \$10.00, 1,000 lbs \$19.50, 2,000 lbs \$38.00.

## BONE AND BLOOD (Tallowege)

For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hard wood ashes, and so if used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. Price, 100 lbs \$2.75, 1,000 lbs \$20.50, 2,000 lbs \$40.00.

## THOMPSON'S "SPECIAL" CHRYSANTHEMUM MANURE

Imported in original bags of 56 lbs. each. An excellent stimulating Manure for top dressing for Chrysanthemums and similar Plants. It is entirely soluble and very powerful, especially suitable for top dressing plants in pots during the growing season. A heaped dessert spoonful will be sufficient for a ten-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season. The very best results will follow.

Price, 14 lbs \$2.00, 28 lbs \$3.50, 56 lbs \$6.00.

## THOMPSON'S VINE PLANT AND VEGETABLE

### MANURE

So compounded as to combine stimulating with lasting effects. A safe and reliable Food and Stimulant for every Fruit-bearing plant, for Foliage and Flowering Plants, for Vegetables and out-door Plants of every description; admirably adapted for mixing with the soil when potting in the proportion of 4 lbs. to each wheelbarrow load of soil.

Price, 28 lbs \$2.00, 56 lbs \$3.50, 112 lbs \$6.00.

## CLAY'S FERTILIZER

This valuable imported Manure is especially recommended to all who grow either Fruit, Flowers or Vegetables and wish to bring them to the highest perfection. It should also be used in potting soil and as a top-dressing.

Price, 28 lbs \$2.00, 56 lbs \$3.75, 112 lbs \$7.00.

## PURE ICHTHEMIC GUANO

An Ideal Plant Food, that exactly fulfills all the requirements of Plants and Flowers, Fruit and Vegetables in a well-balanced form, so as not to stimulate one feature of the growth at the expense of another. It is clean in use, absolutely reliable, and may be safely applied in the prescribed quantities. DIRECTIONS FOR USE.—(1) In the dry state, 1 to 2 ounces to the square yard of ground. (2) In a liquid state, a tablespoonful to a gallon of water in the case of pot plants, about three times a week. (3) In a dry state mix with soil, when potting, 1 part to 100 parts of soil. Vines take a larger quantity, being applied in the early stages at the rate of  $\frac{1}{2}$  lb. to the square yard whilst growing, and at the time of stoning, use a solution of four tablespoonsfuls to the gallon of water. Imported in original bags of 112 lbs. each.

Price, 28 lbs \$2.50, 56 lbs \$4.00, 112 lbs \$7.00.

## HORN SHAVINGS

These are largely used by florists on such plants as Fuchsias, Geraniums, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted.

Price, 5 lbs 40c, 10 lbs 70c, 25 lbs \$1.25, 100 lbs \$4.50.

## KAINIT or German Potash Salt

This contains an average of 12 per cent of actual potash. It should be applied a considerable time before the crop is planted in order that it may be well distributed. It is not advisable to put it in the hill or row immediately before planting. Mixed with Bone Meal it is a splendid fertilizer as a top dressing for fruit trees and small fruits.

Price, 10 lbs 30c, 25 lbs 50c, 100 lbs \$1.50, 500 lbs \$6.25, 1,000 lbs \$11.50.

## VAUGHAN'S "ROSE GROWER" BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia 4 $\frac{1}{2}$  to 5 $\frac{1}{2}$  per cent; total phosphoric acid, 23 to 25 per cent; bone phosphate, 48 to 54 per cent. Price, 5 lbs 25c, 10 lbs 50c, 25 lbs 85c, 50 lbs \$1.50, 100 lbs \$2.75, 200 lbs \$5.00, 500 lbs \$11.50, 1,000 lbs \$22.00, 2,000 lbs \$43.00.

Quantity Required.—For permanent pasture and mowing lands,  $\frac{1}{2}$  to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1,000 to 1,500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL. 100 lbs \$2.40, 200 lbs \$4.60, 500 lbs \$10.75, 1,000 lbs \$20.50, ton \$40.00.

## BONE, BLOOD AND POTASH

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a money maker. For potting soil use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water.

Price, 100 lbs \$3.00, 200 lbs \$5.70.

## NITRATE OF SODA or Chili Saltpeter

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must in some way furnish the plants with Nitrogen. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it.

## HOW TO USE NITRATE OF SODA.

Remove the lumps before using and break them up, which can be done by pounding. Use as a top dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For Asparagus, a top dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For Strawberries, a top dressing of about 100 lbs. per acre after the plants have blossomed.

For the Home Garden apply as a solution one ounce to two gallons of water.

Price (subject to market changes), 5 lbs 35c, 10 lbs 60c, 25 lbs \$1.25, 100 lbs \$3.50, 500 lbs \$15.75. Write for prices on larger quantities.

## VAUGHAN'S SHEEP MANURE



This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 5 lbs 25c, 10 lbs 40c, 25 lbs 70c, 50 lbs \$1.25, 100 lbs \$2.00, 500 lbs \$7.50, 1,000 lbs \$14.50, ton \$28.00.

BON ARBOR A highly concentrated form of plant food.  $\frac{1}{2}$  lb pkg, pkg, making 15 gals, 25c, 1 lb pkg, making 30 gals, 50c, 5 lb pkg, making 150 gals, \$1.75. Box, 50 lbs \$12.50, 100 lbs \$20.00. In bbls, 250 to 300 lbs 18c per lb.

MURIATE OF POTASH A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 lbs. per acre. Price, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.00, 50 lbs \$1.85, 100 lbs \$3.50, 200 lbs \$6.50, 500 lbs \$15.00. Write for prices on ton lots.

SULPHATE OF POTASH A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre. It is the best form for greenhouse use, and may be applied either broadcast and mixed with the soil, or in solution in water. In re-potting or in shallow beds, use a tablespoonful to a bushel of the soil. In water use a tablespoonful in 12 quarts. Price, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.10, 50 lbs \$2.00, 100 lbs \$3.75, 200 lbs, \$7.00, 500 lbs \$16.50.

SULPHATE OF AMMONIA Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 1 lb 25c, 5 lbs 60c, 10 lbs \$1.10, 25 lbs \$1.75, 100 lbs \$6.50.

## BOWKER'S PLANT FOOD

A first-class plant food. Small size pkg 15c, by mail 40c.

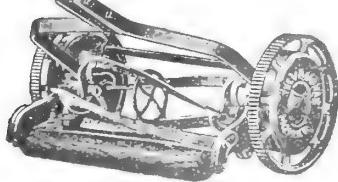
## SCOTCH SOOT (Genuine Imported)

Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in feeding the soil from slugs, grubs and cut worms.

Price, 28 lbs \$1.50, 56 lbs \$2.50, 112 lbs \$4.00.

VAUGHAN'S LAWN MOWERS, ROLLERS, WEEDERS, SCYTHES,  
LAWN BOOTS, ETC.

## THE VAUGHAN LAWN MOWER.



Only the best material has been used in this machine, the driving wheels are ten inches in diameter, the cylinder is fitted with 4 blades suitable for long or short grass. The cutting cylinder can be removed from the machine without in any way disturbing the frame of the machine. We guarantee every Vaughan Mower to do satisfactory work in every respect.

15 in.	17 in.	19 in.	21 in.
\$8.50	\$9.50	\$10.50	\$11.50

## PHILADELPHIA LAWN MOWER.

## High Wheel (Steel). Style A.

The King of High Wheel Mowers. Constructed of steel throughout, it is much lighter in weight than any other mower of its size, consequently it is lighter in draught and easier to push. Fitted with four cutting-blades, and ten-inch drive-wheels, does not readily get out of repair, and in this way makes up for the higher cost by lower repair bills.

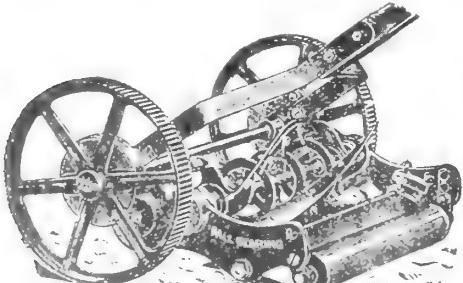
15 in.	17 in.	19 in.	21 in.
\$10.25	\$11.50	\$12.75	\$14.00

## High Wheel. Style K.

For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability.

14 in.	16 in.	18 in.	20 in.
\$6.15	\$6.80	\$7.40	\$8.00

Write for complete Philadelphia Lawn Mower Catalog.



## VICTORY BALL-BEARING MOWER

To best of our knowledge the lightest and easiest running Mower on the market. While especially adapted to cutting fine lawns the "Victory Mower" will do first-class work on lawns too rough for other mowers to be used. The ball bearings are of the highest grade and reduce the friction so that a 24-in. machine can be run as easily as an 18-in. old-style mower.

14 in.	16 in.	18 in.	20 in.	22 in.	24 in.
\$8.50	\$9.50	\$10.50	\$11.50	\$12.50	\$13.50

## PHILADELPHIA GRASS COLLECTOR

Has a galvanized iron bottom, never-rip cloth connections. Always be careful to state size and style of mower when ordering. Price for High Wheel and Style K and the Vaughan Mower, 14 and 15 inch, \$1.70; 16 and 17 inch, \$1.80; 18 and 19 inch, \$1.90, 20 and 21 inch \$2.00.

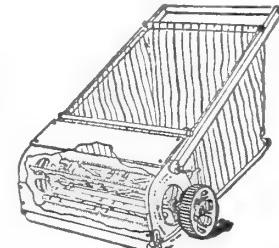
## HORSE LAWN BOOT.



Indispensable where Horse Mowers are used. Our boots are made to fasten round the ankle, and is the most humane boot on the market. Made in three sizes.  
No. 2 for No. 2 horse shoe 5 1/2 in. inside measure.  
No. 4 for No. 4 horse shoe 6 1/2 in. inside measure.  
No. 6 for No. 6 horse shoe 7 in. inside measure.  
Per set of four, \$9.00.

## Capitol Lawn Trimmer and Edger.

Does what Lawn Mowers leave undone. Having one side without wheel, it can be run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc.; 4 steel blades, 6 inches wide. Price, each, \$6.00, complete.



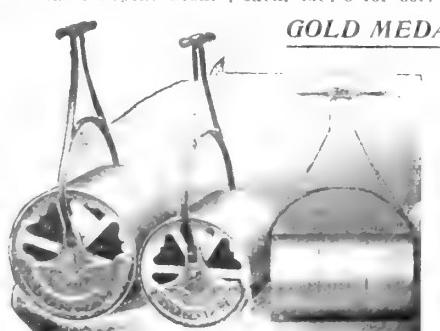
rakes are flexible, the rake-heads being divided in the middle and hung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. Price, 24-inch wide, each, \$16.00.

## Philadelphia Horse Lawn Sweeper.

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. The only reliable horse machine on the market. Sweeps 40 inches wide. Price, \$72.50.

## SCYTHE BLADES.

English Riveted Back, 30-inch, \$1.25; 36-inch, \$1.35; 40-inch, \$1.50. Scythe Smit or Handle, with patent fastening, each, \$1.00. Palace Scythe Stones, each, 25c; 3 for 60c.



## THE EAGLE PHILADELPHIA

## HORSE LAWN MOWER

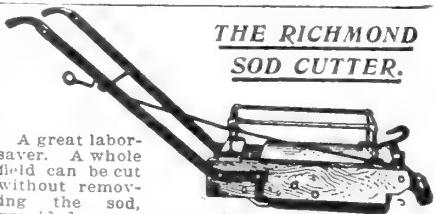
One of the best and most popular Horse Lawn Mowers on market. Used in Parks, Cemeteries, Golf Courses or Private Lawns. Made of the best material throughout, and guaranteed to do satisfactory work. Cutting Cylinder has five blades insuring even and close cut, leaving a perfectly smooth lawn. Fitted with sidedraft, which allows horse to walk on the cut grass, and avoids trampling down the unmown grass. The roller of this mower is in two sections and is 14 inches high, making the 40-inch machine light work for one horse. Weight, exclusive of shafts, 35-inch, 580 lbs; 40-inch, 610 lbs.

Price, including seats, shafts and side-draft attachment, f. o. b. Chicago or New York:

35-inch cut ..... \$100.00 40-inch cut ..... \$110.00

N. B.—We can also supply any standard make of horse mowers. Write for prices before purchasing.

## THE RICHMOND SOD CUTTER.



A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about 1 inch in width is taken out at the start. Price, \$23.00. Grass Edger. "The Planet Junior." Will do either straight or curved edging at a speed of a mile an hour. Price, \$5.00.

## LAWN RAKES.

Automatic Self-Cleaning. A backward motion of the operator clears all the teeth at once. Each, 70c.



English Daisy. For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. Each, \$2.75.



## LAWN SHEARS.

For cutting grass in places which cannot be reached by lawn mower. 7 in., \$2.00. With wheels, \$2.25.



Two wheels each, \$2.50



Lawn Queen. Wire teeth, reversible head, 24 teeth, each, 45c; 36 teeth, each, 75c.

## BORDER SHEARS

For trimming the edges of borders and walks, 7 in., \$2.00. With wheels, \$2.25.



## PIQUA LAWN WEEDEER.

A simple and effective device for removing all weeds from the lawn. Handle and blade made of one piece of steel tubing. Grab rod enclosed in tube. Price, \$1.00.

## B'S WEED EXTRACTOR.

A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate. Price, 60c.

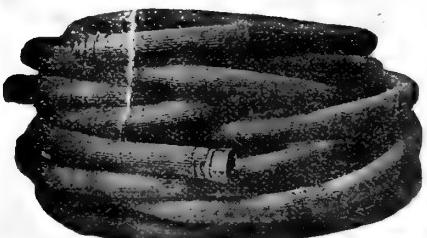


## GOLD MEDAL ROLLER BEARING LAWN ROLLER

These Rollers are smooth on face and rounded on outer edges to avoid cutting the lawn. Roller bearings make them 40 per cent easier to operate than the old-style Roller. Write for descriptive circular.

Diameter.	Face.	Sections.	Weight, lbs.	Price.
No. 401	15 in.	16 in.	2	150 \$ 8.00
No. 402	15 in.	24 in.	3	200 10.50
No. 403	20 in.	20 in.	2	250 13.00
No. 407	20 in.	24 in.	2	300 16.00
No. 409	24 in.	20 in.	2	400 21.00
No. 413	28 in.	24 in.	2	500 26.00
No. 415	28 in.	30 in.	3	600 32.00

## VAUGHAN'S LAWN HOSE, SPRINKLERS,

**RUBBER HOSE.**

## Electric Non-kinkable.

Best hose on the market, finest quality of rubber being used in its manufacture. Will not kink and will last for years. We can supply in any length and will fit with "snap" hose couplings if advised at time of ordering. Price,  $\frac{3}{4}$  inch, per 25 feet, \$5.50; 50 feet, \$10.00; 100 feet, \$20.00.

**Excelcor Brand.** A fine grade of hose, which we can readily recommend. Comes in 25 and 50 foot lengths only. Price,  $\frac{3}{4}$  inch (including plain couplings), per 25 feet, \$4.00; 50 feet, \$7.75; 100 feet, \$15.00.

"Standard Brand,"  $\frac{3}{4}$  inch; will give good service. Price (including couplings), 25 feet, \$3.00; 50 feet, \$5.50; 100 feet, \$10.00.

**ALL IRON HOSE REEL.**

Very light weight, frictionless, the wheels being so high they are very easily worked; never break or wear out.

No. 10, 100 ft.  $\frac{3}{4}$  in. hose, \$2.75  
No. 20, 150 ft.  $\frac{3}{4}$  in. hose, \$3.00

**THE "SNAP" HOSE COUPLER.**

Best hose coupler on the market; being simple, durable and always tight, for  $\frac{3}{4}$  inch hose. Per pair, 30c.

Hose Coupler, Brass, for  $\frac{1}{2}$  or  $\frac{3}{4}$  inch hose. Each, 15c; doz., \$1.50.

Hose Straps, Coldwell. Used in fastening coupler on hose. Doz., 15c.

**THE COOPER HOSE MENDER.**

The best hose mender on the market, made of copper, with strong bars on either end, which prevents hose slipping off.  $\frac{1}{2}$  or  $\frac{3}{4}$  inch, each, 8c; doz., 75c; 1 inch, each, 10c; doz., \$1.00; postage 5c doz. extra.

Iron Mender, for  $\frac{3}{4}$ -inch hose. Each, 5c; doz., 50c.

**HOSE NOZZLES.**

Boston Rose Spray. Brass; for  $\frac{3}{4}$  inch hose; useful for watering lawn and garden. Each, 60c; by mail, 70c.

Standard. With stream and 2 inch spray. Each, 75c; if by mail, 90c. Same with  $2\frac{1}{2}$  in. spray. \$1.00; if by mail, \$1.15.

Gem. Best all-around hose nozzle; can be used for lawn or garden, as it can be changed from fine spray to a stream by simply turning; for  $\frac{3}{4}$  inch hose. Each, 50c; if by mail, 60c.

Standard. With stream and 2 inch spray. Each, 75c; if by mail, 90c. Same with  $2\frac{1}{2}$  in. spray. \$1.00; if by mail, \$1.15.

By using an extension rod the tops of highest trees can be reached, and as one or two leads of hose may be used, it cannot be surpassed for fast work. Pump can be mounted either on end or side of a wine or kerosene barrel.

Pump complete with agitator suction pipe, brass strainer and two leads  $1\frac{1}{2}$ -inch hose 5 feet long, fitted with Vermorel or Bordeaux Nozzles. \$10.00

**THE EVANSTON SPRINKLER.**

One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head, with perfect ease, by the aid of a wire or cord. Each, 35c; postpaid, 60c.

**LINCOLN PARK, or BUTTERFLY.**

Used for years in our Chicago parks; one of the most satisfactory sprinklers made. Each, 30c.

Mounted on stand, 2 foot, 75c; 4 foot, 85c; 6 foot, \$1.00.

**"COLUMBIA" SPRINKLER.**

Three Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. Each, \$1.25; 3 for \$3.45.

**"AUSTRALIAN" SPRINKLER.**

This sprinkler is one of the best distributors of water made, by reason of its rapid revolution and the form of its wings it distributes the water very finely and evenly.

Mounted on stand, 2 foot, 65c; 4 foot, 75c; 6 foot, 85c; 8 foot, \$1.00.

**WATER BARREL TRUCK.**

Can be used for a variety of purposes, barrel can be easily attached or detached from the truck by simply raising or lowering the handles. Water Barrel and Truck, with  $2\frac{1}{2}$  in. tires. \$1.00  
Truck only, without barrel but with one pair trunnions. 8.75  
Barrel, with sprinkler attachment only. 3.25

**HAND CART BOX.**

Used with truck makes a very convenient dumping hand cart. Length, 37 inches; width,  $23\frac{1}{2}$  inches; depth, 8 inches. Hand Cart Box with truck,  $2\frac{1}{2}$  in. tires, \$1.50; without \$3.00.

**LEAF RACK.**

Very convenient for the cartage of leaves, cut grass from the lawn, etc. Rack has an average width of 28 in. by 42 in., and is 21 in. deep. Leaf Rack, with truck,  $2\frac{1}{2}$  in. tires, \$13.50; without \$5.00.

Remember \$4.00 for full barrel "Ram's Head" brand Sheep Manure, freight prepaid to your station.

LAWN SWEEPERS, RAKES,  
NOZZLES, ETC.**HOT BED MATS**

Burlap Mats, lined, waste wool and cotton quilted. Size A, 40x76 in., \$1.00 each; per dozen, \$11.00, Size B, 76x76 in., \$1.35 each; per dozen, \$15.00.

Duck Mats. Same as above, with water-proofed duck on one side to shed rain. Size C, 40x76 inches, \$1.50 each; per dozen, \$16.00. Size D, 76x76 inches, \$2.00 each; per dozen, \$21.50.

Rattan Mats (Singapore Fibre). Mouse and rot proof, being made of flexible cane fibre, firmly put together. One of the best and most durable mats on market. 6 ft 2 in. long by 6 ft. wide. Each, \$2.50; dozen, \$27.00.

Straw Mats. Ryestraw, 3x6 ft., each, \$1.25; dozen, \$14.00. Same mat, 6x6 ft., each \$1.85; dozen, \$21.00.

**STRAUSS PLANT PROTECTOR**

A simple device for protecting plants from early spring frosts making it possible to transplant from ten days to two weeks earlier than under ordinary conditions. Made of thoroughly waterproof material, fitted with three legs securely riveted to the protector. There is a small opening in the top of protector, and bottom being entirely open permits free circulation of air.  $6\frac{1}{2}$  in. base, 12 in. high.

Each 10c, doz \$1.00, 100 \$8.00.

**"ILLINOIS"****SELF-WATERING FLOWER BOXES**

Neat, convenient and practical window box made entirely of metal and guaranteed not to leak. The box has a reservoir in the bottom, which, when filled with water will supply plants with moisture for ten days, by means of sponges inserted in the false bottom of the box. Water being conveyed direct to roots of plants leaves the soil in a loose condition, ideal for plant growth.

**WINDOW BOXES**

	Height	Width	Length	Price
No. 1	8 in.	9 $\frac{1}{2}$ in.	23 in.	\$1.60
No. 2	8 in.	9 $\frac{1}{2}$ in.	25 in.	1.75
No. 3	8 in.	9 $\frac{1}{2}$ in.	27 in.	1.90
No. 4	8 in.	9 $\frac{1}{2}$ in.	29 in.	2.07
No. 5	8 in.	9 $\frac{1}{2}$ in.	31 in.	2.22
No. 6	8 in.	9 $\frac{1}{2}$ in.	33 in.	2.37
No. 7	8 in.	9 $\frac{1}{2}$ in.	35 in.	2.50
No. 8	8 in.	9 $\frac{1}{2}$ in.	37 in.	2.67
No. 9	8 in.	9 $\frac{1}{2}$ in.	39 in.	2.80
No. 10	8 in.	9 $\frac{1}{2}$ in.	41 in.	3.00

**HANGING BASKETS**

No. 8	6 in. deep	8 in. square	\$1.00
No. 10	7 in.	10 in.	1.25
No. 12	8 in.	12 in.	1.50
No. 14	9 in.	14 in.	1.75

**SPRAYERS AND DUSTERS.**FOR APPLYING INSECTICIDES,  
WET OR DRY.**SUNSHINE DOUBLE ACTION SPRAY PUMP**

A first-class orchard barrel sprayer, made of best material. Solid brass upper and lower cylinders. Main body and pump is all air chamber and will withstand a pressure of 150 pounds per square inch.

By using an extension rod the tops of highest trees can be reached, and as one or two leads of hose may be used, it cannot be surpassed for fast work. Pump can be mounted either on end or side of a wine or kerosene barrel.

Pump complete with agitator suction pipe, brass strainer and two leads  $1\frac{1}{2}$ -inch hose 5 feet long, fitted with Vermorel or Bordeaux Nozzles. \$10.00

**LITTLE GIANT BUCKET PUMP**

The best hand pump made; working parts solid brass; throws continuous stream, either solid or as a mist. Being light it is easily carried around in a bucket, making it just the thing for spraying low bushes, trees, etc. Can also be used for whitewashing. Price, \$3.50; fitted with lever handle and Bordeaux Nozzle for Whitewashing, \$4.25.

Agitator suction pipe, brass strainer and two leads  $1\frac{1}{2}$ -inch hose 5 feet long, fitted with Vermorel or Bordeaux Nozzles. \$10.00

**INSECTICIDE NOZZLES**

These are especially designed for use in spraying insecticides. Made to fit  $\frac{1}{4}$ -inch pipe connection. If wanted to fit  $\frac{3}{4}$ -inch hose, order reducer, 25c extra.

Bordeaux Nozzle. Each, 75c; by mail, 80c.

Vermorel Nozzle. Each, 75c; by mail, 80c.

Coupling to fit nozzles to hose. Each 25c.

**BAMBOO EXTENSION ROD**

Lined with aluminum. Ten feet long, with stop cock. Each \$4.50.

## SPRAYERS and DUSTERS—Continued.

**The Brandt Sprayer.**

This is the first and only knapsack compressed air sprayer on the market that gives an even and uniform spray. The trouble with all compressed air sprayers hitherto offered has been the necessity of pumping them ahead. This makes the pressure too high at the beginning and too low at the end. The result is an uneven discharge. In the "Brandt" the pumping is done during the progress of the work, thus filling the tank with pressure as the liquid is discharged. About one stroke of the pump for each 15 to 25 hills of potatoes. The pressure is always under perfect control and is the same at all times, regardless of the amount of solution contained in the tank. Prices:

Galvanized Tank.....	\$5.00
Brass Tank.....	6.75
Double Nozzle for spraying two rows.....	1.50
Tree Nozzle with 3-foot extension.....	1.50

**The Auto Spray.**

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Spray" has been improved by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, galvanized iron reservoir, \$4.50 with Auto Pop, \$5.40 solid brass reservoir, \$6.75; with Auto Pop, \$7.65. 2-foot lengths, 45c. Two row attachment, \$1.35.

**Mastin Compressed Air Sprayer**

One of the best Compressed Air Sprayers on the market. Pump is powerful, simple, and does not readily get out of order. The sealing or locking device securing the pump in the tank is simplicity itself, sealing the machine perfectly, with the minimum of time and labor. The Spray Nozzle will produce a spray that is truly mist-like. The machine may be suspended from the shoulder by a strap, the pump operated with one hand and the spray nozzle with the other. Tank holds 3 gallons of liquid.

Price, Galvanized Steel, Tank .....	\$6.50
Brass Tank.....	8.50
2-foot brass extension rods	35

**The Daisy Sprayer.**

A splendid little hand sprayer which has the advantage over similar makes that it will spray when held either up or down. The plunger is fitted with a double washer which gives a spray with the backward stroke as well as with the forward. Each, 65c.

**The Lowell Sprayer.**

For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see ingredients mixing. The glass sprayer will not corrode or rust. If broken can be replaced at once with a Mason Fruit Jar. Price, each, 75c; 3 for \$2.00.

**Pneumatic****Sprayer.**

Compressed air hand sprayer. Enables the operator to spray with one-half the labor the ordinary sprayer requires. Throws a fine mist and can be used to advantage in applying insecticides, etc. One quart size. Galvanized Tank each, \$1.00; Brass Tank, each, \$1.75.



The best dry powder gun; will distribute any dry insecticides and fungicides. Will do as much work in a day as a horse power sprayer. Dusts two rows at once. Price, \$5.50.

**Powder Bellows.**

American. Used for dusting plants with sulphur or like material. Three sizes, each, 65c, 90c and \$1.00.

## INSECTICIDES and FUNGICIDES.

**Arsenate of Lead.** Popular remedy for use against all eating insects that attack foliage and fruit trees. Will not wash off nor in any way burn the foliage. Use two or three pounds to fifty gallons water. 1 lb 25c, 5 lbs \$1.00, 10 lbs \$1.80, 25 lbs \$3.75, 50 lbs \$6.50, 100 lbs \$12.00.

**Ant Exterminator.** A non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. Box 25c; by mail 35c, smaller size 15c.

**Aphine.** A new insecticide discovery that kills plant lice of every species. Effective indoors and outdoors. Per quart \$1.00, gallon \$2.50.

**Bordeaux Mixture.** (Liquid or Paste.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab, or other fungoid diseases on fruits and plants. One gallon will make 50 gallons liquid. 1 qt 40c, gal \$1.00, 5 gals \$4.50.

**Bordeaux Mixture.** (Dry.) Ready for use by simply adding water. Lb 25c; postpaid 40c, 5 lbs 85c, 28-lb kegs \$4.50.

**Fir Tree Oil.** Fine spray for greenhouse and house plants affected with mealy bug, scale, red spider, black and green aphid, thrip life, worms and slugs. Small bottle 25c,  $\frac{1}{2}$  pint 40c, pint 75c, quart \$1.25, gallon \$4.00.

**Fir Tree Oil Soap.** For thrip, red spider, black and green fly, mealy bug, worms.  $\frac{1}{2}$  lb. tin, 25c; 2 lbs., 75c.

**Flowers of Sulphur.** Per lb., 10c; 10 lbs., 75c; 25 lbs., \$1.50.

**Grape Dust.** Excellent for the prevention and destruction of mildew on plants. Per lb., 10c; 5 lbs., 35c.

**Hellebore Powdered White.** Less poisonous than Paris Green and safer to use when fruit is nearly ripe. Per lb., 25c; by mail, 40c; 5 lbs., \$1.00; 10 lbs., \$1.80.

**Lime-Sulphur.** The best remedy for San Jose scale. One gallon makes ten. Also one of the best Summer sprays, as it is an excellent fungicide. When used in Summer dilute with 20 to 30 parts water. Per qt. can, 40c; 1 gal., \$1.00; 5 gal. can, \$4.50; bbl., 50 gals., 75c per gal.

**Lemon Oil.** Destroys mealy bug, scale, thrip, red spider, etc.  $\frac{1}{2}$  pint, 30c; pint, 50c; quart, 85c; gal., \$2.00.

**Horicum.** Sulphur, Lime, Salt, etc., in such proportions as to make an effective wash for use as a preventive and cure for San Jose scale. Use one gallon to 20 gallons of water and spray trees when leaves are off. Per gal., \$1.00; 5 gals., \$4.50. Write for Barrel prices.

**Kil-o-Scale.** One of the best remedies for San Jose scale. Perfectly soluble in water in any proportion and will stay in suspension indefinitely. 1 gal., \$1.50; 5 gals., \$6.75. Write for Barrel prices.

**Kerosene Emulsion.** One of the best insecticides for all soft bodied sucking insects feeding openly so as to be within reach of actual contact, such as plant lice, fleas, beetles, aphids, green fly, mealy bug, also for insects of fruit trees, including San Jose scale. Per qt. can, 40c; 1 gal., \$1.00; 5 gal. can, \$4.50.

**Nico-Fume.** Strips of paper strongly saturated with Nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, 75c, postpaid, 90c; 144 sheets, \$3.50; 288 sheets, \$6.50.

**Nico-Fume Liquid.** For fumigating or spraying, contains 40 per cent nicotine.  $\frac{1}{4}$  pint, 50c; pint, \$1.50;  $\frac{1}{2}$  gal., \$5.50; gal., \$10.50.

**Nicoticide.** Fumigating or spraying compound for killing insects on plants in greenhouses and frames. 4 ozs 70c,  $\frac{1}{2}$  pint \$1.25, pint \$2.50, quart \$4.50.  $\frac{1}{2}$  gallon \$8.25, gallon \$15.00.

**Nicotoline.** Highly concentrated. Pint, \$1.50. **Persian Insect Powder.** Lb., 40c; by mail, 55c.

**Solution of Copper.** For trees, vines or vegetables affected with rot, blight or scab. Pint, 35c; quart, 60c.

**Slug Shot, Hammond's.** Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. carton, 15c; 5 lbs., 30c; 25 to 50 lbs. at 43¢ per lb.; keg of 125 lbs., net, \$5.00; barrel in bulk, 250 lbs., \$9.35.

**Slug Shot Duster.** Each, 35c.

**Paris Green.** A poisonous insecticide in powdered form, for insects which chew. When applied as a powder use one part Paris Green to 100 parts plaster or flour. As a liquid one pound Paris Green in 150 to 300 gallons water. If used on fruit trees add one pound quicklime.  $\frac{1}{4}$  lb 10c,  $\frac{1}{2}$  lb 15c, 1 lb 25c, 5 lbs \$1.20, 14 lbs, \$3.25.

**Thrip Juice.** For mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pint, 65c.

**Rose Leaf Extract of Tobacco.** An effectual insecticide for the destruction of all insects and scale on plants. Pt 30c, qt 50c, gal \$1.25.

**Rose Tobacco Soap.** One of the best for green fly on roses. Per  $\frac{1}{2}$  lb. box 25c (by mail 30c), 2 oz pkg 10c.

**Scalecide.** Oil preparation for San Jose scale. Gal \$1.00, 5 gals \$3.25, 10 gals \$6.00, 50 gals \$25.00.

**Tobacco Stems.** For fumigating. 5 lbs 20c, per 100 lbs \$1.50.

**Tobacco Dust.** Remedy for aphids, fleas, beetles, etc. Lb 10c (by mail 25c), 5 lbs 25c, 10 lbs 40c, 100 lbs \$3.00

**Fish Oil Soap.** (Commonly known as Whale Oil Soap.) An excellent wash for trees and plants where insects and eggs affect the bark; also used for smearing on trees to prevent worms crawling up. Per lb 15c, 2 lbs 25c, 5 lbs 50c.

**X. L. All-Liquid Insecticide.** English nicotine, harmless to very delicate plants. Kills mealy bug, red spider and white fly.  $\frac{1}{2}$  gal \$2.00, 1 gal \$3.75.

**EUREKA WEED KILLER.** A special preparation which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc., and keeps them under for the whole season.

All who have used this preparation praise it highly. Large size tin, enough for 100 square yards of path, \$1.00; 12 lb. tin, \$8.00.

**Sulphate of Iron.** A remedy for weeds on lawns for which it is claimed that it will kill dandelions without injuring the grass. To be successful, liquid should be applied with a fine spray. Full particulars on application. 5 lbs 25c, 10 lbs 40c, 25 lbs 75c, 50 lbs \$1.25, 100 lbs \$2.25.

**RADIX WORM ERADICATOR.** Invaluable for putting greens, lawns and pot plants, effectually destroying worms and other insects without injuring the grass or the most delicate plants. 1 gal \$2.00, 2 gals \$4.00, 5 gals \$9.25.

## VAUGHAN'S GARDEN TOOLS and REQUISITES.

**GASKETS—Wire Hanging.** (Fig. 1.) 6-inch, 10c each; 8-inch, 15c each; 10-inch, 20c each; 12-inch, 25c each; 14-inch, 30c each.

**Rustic Hanging.** Diameter bowl 8-inch, each, 75c; 9-inch, 85c; 10-inch, 95c; 11-inch, \$1.00; 12-inch, \$1.25; 14-inch, \$1.75.

**Earthenware Hanging.** Terra Cotta (Fig. 1a). Ornamented, with saucer attached. Each, Doz. 7 inch.....\$0.15 \$1.50  
8 inch.....25 2.25  
9 inch.....30 3.00  
10 inch.....40 4.25  
12 inch.....60 5.00

**CARNATION SUPPORTS.** (Fig. 2.) Model; wire, 2 rings. Dozen, 45c; 100, \$3.00; 3 rings, doz., 55c; 100, \$3.50.

**DANDELION PULLER—The Vaughan.** (Fig. 3.) The best Dandelion Puller on the market; made of best steel, after an English pattern; measures 13½ inches and weighs 10 ounces. Each 50c, by mail 60c.

**DIBBER** (Fig. 4). For transplanting vegetable plants; steel point. Each, 30c; postpaid, 40c.

**FORK.** Digging or spading, 4 tines. Each, 85c,

**CUMIGATORS.** (Fig. 5.) Each. No. 1 Eureka, Galvanized, holds ½ pk. of stems.....\$1.50  
" 2 " " " 1 .....2.00  
" 3 " " " ½ bu. " 2.75  
" 4 " " " ¾ " 3.50

**GARDEN LINE REEL.** (Fig. 6.) Each, 60c.

**GARDEN LINE.** (Fig. 7.) Each heavy braided. Per 100 feet, 50c; by mail, 60c.

## GLAZING MATERIAL.

**GLASS CUTTER AND GLAZING TOOL.** Each, 10c.  
**GLASS CUTTER, DIAMOND.** Each, \$3.00.

**GLAZING POINTS.** Van Reyer Perfect. No rights or lefts, No. 2, small, single thick glass; No. 1, large, single thick glass; No. 2½, double thick, for greenhouse and skylights. Price, per box of 1,000, 70c; by mail, 85c.

**Selbert's Improved.** Easy to drive, and made so that they will not wedge or crack the glass in driving them. They are made in 2 sizes, ½ and ¾-inch long. Price, per lb., 50c; by mail, 65c.

**MASTICA.** For glazing greenhouses, hotbeds, sash, etc., much better than putty; does not crack, always remains soft. Per gallon, \$1.35.

**MASTICA MACHINE.** (Fig. 10.) For applying above. Each, \$1.25.

**CWEMLOW'S OLD ENGLISH GLAZING PUTTY.** Semi-liquid. To be used in same manner as Mastica. Per gallon, \$1.65.

**COLLAY'S PUTTY BULB.** A useful tool with a tube for applying liquid putty in glazing greenhouses. Each, 90c. If by mail, add 10c each for postage.

**GLOVES—Gardener's.** (Fig. 8.) Heavy Goatskin. Per pair, \$1.00.

**GRASS HOOKS or SICKLES.** (Fig. 11.)—English. Riveted backs, each, 50c.

German. The best cheap Sickle on the market; much used by cemeteries and parks, where tools get hard usage. Each, 30c.

**GRAFTING WAX.** Per ¼-lb. bar, 12c; ½-lb. bar, 20c; 1-lb. bar, 35c. If by mail, add 10c per lb.

**GOE—Draw or Field.** Socket Handle. Each, 50c. Combination Draw and Rake. 4½ inches cut and 4 teeth. Each, 50c; 6½-inch cut and 6 teeth, 60c.

English Scuffle or Push. (Fig. 13.) 6-inch, 65c; 8-in., 65c; 10-in., 75c.

Prong Hoe or Potato Hook. Four tines. 50c.

Warren. The best Garden Hoe made. Each, 70c.

Weeding and Cultivating. Single Prong. Each, 80c. Double Prong. Each, 35c.

**HORSE RADISH GRATER.** (Fig. 14.) Capacity, 20 lbs. of root per hour; weight, 38 lbs. Each, \$9.00.

**KNIVES—Asparagus.** Vaughan's Straight Cut (Fig. 23). Each 45c, by mail 50c.

Asparagus. Vaughan's Concave (Fig. 27). Each 50c, by mail 55c.

Budding (Fig. 17). Ivory handle. Each, \$1.10; by mail, \$1.20.

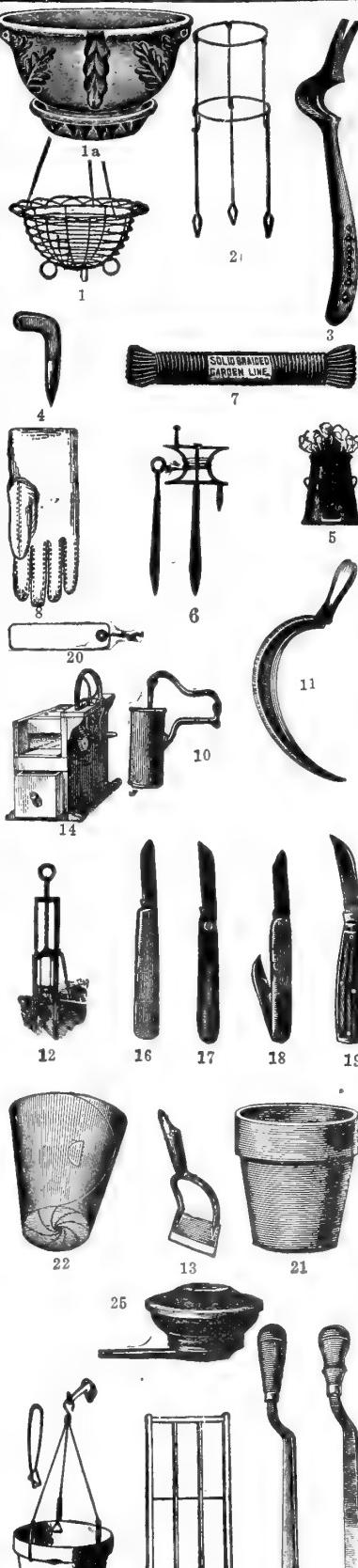
Budding. Black handle, ivory tip, strong. Each, \$1.00 by mail, \$1.05.

Propagating. Ivory handle. Each, \$1.25; by mail, \$1.30.

Propagating (Fig. 16). "The Vaughan," the best of all. Each, 75c; by mail, 80c.

Budding and Propagating. (Fig. 18.) 2 blades, ivory handle. Each, \$1.50; by mail, \$1.60.

Pruning. (Fig. 19.) Stag handle, English. Each, \$1.25; if by mail, \$1.30. American, a good tool. 75c.



**KNIVES.**—German Pruning. Two blades. Each, \$1.25.

Potato Knife. "The Humphrey." Will cut one or more eyes without injuring the vital tissues. Each, postpaid, 30c; 3 for 75c.

**LABELS.**—Aluminum Tree Labels (Fig. 20). They are wired and measure 3¾ inches long, 1 inch wide. Price, per doz., 30c; 100, \$2.00; 1,000, \$18.00.

Class. Per doz., 25c; per 100, \$2.00.

Wooden. For pots, painted.

100	1000	100	1000	
4 in. ....	\$0.15	\$1.00	\$0.25	\$1.75
5 in. ....	.20	1.50	.25	6.50

Tree, Copper Wired. 3½ in. .... .20

**COPPER.** Indestructible. Small, 20c doz.; 100, \$2.25; large, 25c doz.; 100, \$1.50.

**CYPRESS.** For use outside, will last for years. 16x1½ in. Doz., 25c; 100 for \$1.25; 18x1½ in. doz., 30c; 100 for \$1.50.

**IRON AGE.** Made of galvanized iron. The reading is protected by a sheet of Mica. Each, 20c; doz., \$2.00; 100 for \$15.00.

**LEAF MOULD.** For potting ferns and like plants. Bbl., \$1.80.

**CARBONIUM PAINT.** Used on labels will preserve them for years. Qt., 25c; gallon, \$1.25.

**MOLE TRAPS.** Out o' Sight. One of the best mole and gopher traps. Each, 85c.

Reddick (Fig. 12), \$1.00; German, Old Style, 25c

**PEAT.** For potting orchids, etc. Per bbl., \$2.50.

**PEAT MUCK.** For potting Azaleas. Per bbl., \$2.00.

**PENCILS, INDELIBLE.** With tip. For marking labels. Each, 15c; doz., postpaid, \$1.50.

**PLANT BED CLOTH.**—For Flower Beds. Cheap substitute for glass, answering many uses equally well. 20 yards and upward, medium, per yard, 10c; heavy, 14c; 50 yards and upward, medium, per yard, 9c; heavy, 13c; 100 yards and upward, medium, per yard, 8¾c; heavy, 12¾c. We do not sell less than 20 yards of a kind.

## POTS, SAUCERS, PANS.

**RED FLOWER POTS** (Fig. 21).—We pack these carefully but will not be responsible for breakage in transit. Doz. 100 1000 Doz. 100 1000

2 -inch....	\$0.12	\$0.65	\$ 5.50	6 -inch....	\$0.65	\$ 4.00	\$40.00
2½ -inch....	.15	0.85	7.00	7 -inch....	1.00	7.00	.....
3 -inch....	.20	1.25	10.00	8 -inch....	1.40	10.00	.....
4 -inch....	.35	1.75	15.00	10 -inch....	each	.25	.....
5 -inch....	.45	2.50	25.00	12 -inch....	each	.40	.....

## SAUCERS, RED.

Doz. 100	1000	Doz. 100	1000		
3 -inch ....	\$0.15	\$1.00	7 -inch ....	\$0.50	\$3.54
4 -inch ....	.25	1.50	8 -inch ....	.80	5.04
5 -inch ....	.35	2.00	10 -inch, each	.15	.....
6 -inch ....	.45	2.75	12 -inch, each	.20	.....

**SAUCERS, FIBRE.** waterproof and unbreakable. Doz. 100 Doz. 100

4 -inch....	\$1.00	\$7.50	8 -inch....	\$1.50	\$10.00
5 -inch....	1.15	8.00	9 -inch....	1.65	11.00
6 -inch....	1.25	8.50	10 -inch, each	.25	2.50
7 -inch....	1.35	9.00	12 -inch, each	.20	2.00

**FERN PANS, RED.** Each. Doz. 1000

6 -inch ....	\$0.07	\$0.75	9 -inch ....	\$0.15	\$1.50
7 -inch ....	.08	.85	10 -inch ....	.25	2.00
8 -inch ....	.12	1.25	.....	.....	.....

**AZALEA PANS, RED.** Each. Doz. 1000

5 -inch ....	\$0.05	\$0.50	9 -inch ....	\$0.25	\$2.50
6 -inch ....	.07	.75	10 -inch ....	.35	3.50
7 -inch ....	.12	1.25	12 -inch ....	.50	5.00
8 -inch ....	.15	1.50	.....	.....	.....

**NEPONSET PAPER** (Fig. 22). Made of waterproof paper and are light, clean, and unbreakable. Per 100 1,000 Per 100 1,000

2 ½ -inch....	\$6.35	\$3.00	4 -inch ....	\$0.95	\$8.25
2 ½ -inch....	.40	3.50	5 -inch ....	1.30	12.00
3 -inch ....	.60	5.00	6 -inch ....	1.85	16.50
3 ½ -inch....	.75	6.45	.....	.....	.....

**POT HANGER.** Kramer's (Fig. 24). Converting flower pots into hanging baskets. Price, each, 15c; doz., postpaid, \$1.35.

**POWDER GUN.**—Jumbo. (Fig. 25.) Each, 30c; small size, 10c; by mail, 15c.

**RAKES.**—Steel Bow Garden. Best rake; does not break in the center. 12 teeth, 60c; 14 teeth, 75c; 16 teeth, 90c.

Garden. 12 teeth, 50c; 14 teeth, 60c; 16 teeth, 75c.

Lawn. (See Page 140.)

**RAFFIA.** The best tying material for plants. Per lb., 25c; postpaid, 40c.

**SASH HOTBED.** (Fig. 26.) Unglazed, for 10-inch glass, each \$1.50; 3 for \$4.40; doz. \$17.50.

For 8-inch glass, each, \$1.60; 3 for \$4.75; doz., \$18.50.

Write for prices on Glazed Sash.

## VAUGHAN'S GARDEN TOOLS and REQUISITES.—Continued.

**SAWS.**—Double Edge Pruning. Holes are provided in the handle for attaching to a pole; 16-inch, 85c; 18-inch, \$1.00; 20-inch, \$1.15.

Vaughan's "Perfection" Pruning. Adjustable blade, so branches can be easily removed close to the trunk of the tree. Each, \$1.85; extra blades, 25c.

**SCISSORS.**—Grape Thinning. (Fig. 28.) Each, 60c.

**SEARS.**—Hedge. (Fig. 29.) Best imported English.

8-inch, \$1.25; with notch.....\$1.40

9-inch, 1.50, with notch.....1.65

10-inch, 1.75, with notch.....1.90

\*The notch is at the crutch of the blades for cutting small branches.

German Pruning. (Fig. 27.) 4½-inch. Price, each, 90c; 5½-inch, \$1.00; 6½-inch, \$1.10; 7½-inch, \$1.15; 8½-inch, \$1.35; 9½-inch, \$1.50.

Extra Springs, each, 15c.

California Pruning. Best grade, with double brass springs and one extra blade. Each, \$2.25.

Levins Pruning. (Fig. 30.) One of the best pruning shears made. Each, 50c.

Sheep. With thumb guard. For trimming grass on edges and around flower beds. Each, 35c.

Sheep. Best quality steel, 6½-inch blade, \$1.25.

Buckeye Pruning. Long handle. Each, 75c; large size, heavier, \$1.25.

Clyde Draw Cut Pruner (Fig. 31). Extra strong. long handle, \$2.25.

Improved Wire. For cutting annealed wire. Each, 85c.

**SHOVELS.**—Ames—D handle, round point. Each, \$1.35.

Ames—Long handle, round point. Each, \$1.30.

Ames—D handle, square point. Each, \$1.30.

**SIEVES.**—For sifting soil, 18 inches in diameter, all sizes mesh from ¼ to ¾ inch. Each, \$1.25.

**SOIL.**—Potting. Suitable for all ordinary plants and bulbs, and will be sent by express or freight at buyer's expense, sifted and packed ready for use. Pk 35c, bu \$1.00, bbl \$2.00

**SPADES.**—Vaughan's—Special D handle (Fig. 32). Each, \$1.25.

**SPRINKLERS.**—The Lenox (Fig. 33). A splendid Sprayer for in or outdoor plants, rose bushes, etc. A fine spray may be thrown under, over, or upon the foliage of any plant or shrub, removing the dust and insects. Each, 35c; by mail, 40c.

Scollay's Rubber—(Fig. 34). Indispensable for floral work. Large, \$1.00; by mail, \$1.10; medium, 75c; by mail, 82c; small, 60c; by mail, 65c.

**STAKES.**—Green Painted Wood: very useful for tying plants, shrubs, etc.

Per doz.	100	Per doz.	100		
Light—1½ ft.	\$0.20	\$1.00	Light—3½ ft.	\$0.60	\$4.50
Light—2 ft.	.25	1.75	Light—4 ft.	.75	5.50
Light—2½ ft.	.35	2.70	Light—5 ft.	.85	6.50
Light—3 ft.	.50	3.50			

Heavy Dahlia—3 ft.	.....	\$0.75	\$5.50
Heavy Dahlia—4 ft.	.....	1.00	7.25
Heavy Dahlia—5 ft.	.....	1.15	9.00

Per 100	1000
Cane Stakes—6 to 8 ft. long.....	\$1.00
Cane Stakes—9 to 12 ft. long, extra heavy..	1.60
Bamboo Stakes 4 to 6 ft. long, light	
Japanese cane .....	.75
	6.00

Japanese Green Plant Stakes—	Doz.	100	1000
1½ ft .....	\$0.15	\$0.50	\$4.00
2 ft .....	.20	.70	5.00
3 ft .....	.25	1.00	8.00

**GALVANIZED WIRE.**—

No. 8—Per doz.	100	Per doz.	100
1½ ft .....	\$0.10	\$0.45	3½ ft.....\$0.25
2 ft .....	.15	.60	4 ft..... .30
2½ ft .....	.18	.70	5 ft..... .35
3 ft.....	.20	.85	1.60

**STAND, ROLLING.**—(Fig. 35.) For heavy plants. Made of indurated fibre ware. Castors have ball bearings; 12-inch, 75c; 14-inch, 85c; 16-inch, \$1.10; 18-inch, \$1.20; 20-inch, \$1.50; 22-inch, \$1.70.

**SYRINGES.**—(Fig. 36.) Brass.—No. 0, 12½ inch spray for small greenhouses or windows. \$2.00.

No 5—Greenhouse syringe, 18-inch barrel, \$6.00.

English—Brass, No. 11, 18-inch barrel, with two different sprays and one stream, \$4.00.

Brass—For liquid insecticides. Each, \$1.65.

**THERMOMETERS.**—These cannot be sent by mail.

Tin Case, (Fig. 37.) 8-inch, 20c; 6 for \$1.00.

Cabinet. Wood case, 50c; 3 for \$1.35.

Imported German. All glass, very accurate for propagating and hot beds, 30c.

Hot Bed. Brass point, wooden frame, \$2.00.

Self-Registering. With magnet to set it, 8-inch, each, \$3.00; registers highest and lowest temperature. Minimum for registering cold, \$1.65.



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**THISTLE CUTTERS.**—Narrow blade for removing thistles or weeds from lawns. With foot rest, 50c.

**ATO-MATO SUPPORTS.**—Made of heavy galvanized wire, will last for years.

F. O. B. New York. Each, 20c; doz., \$1.75.

F. O. B. Chicago. Each, 25c; doz., \$2.00.

**TRELLIS WOOD.**—Fan Shape (Fig. 38). 18-inch, 15c; 3 for 40c; 24-inch, 25c; 3 for 60c; 30-inch, 30c; 3 for 75c; 36-inch, 50c; 3 for \$1.25; 3½-foot, 21 inches wide, 60c; 4-feet, 27 inches wide, 75c; 5-feet, 32 inches wide, 85c; 6-feet, 38 inches wide, \$1.00; 7-feet, 42 inches wide, \$1.20.

**Veranda.**—18-inch wide, 5 feet, 75c; 6 feet, 85c; 7 feet, \$1.00; 8 feet, \$1.20; 9 feet, \$1.30; 10 feet, \$1.50.

**TROWELS.**—Vaughan's Steel. (Fig. 39.) One solid piece of steel and will outwear all others. Each, 50c; 3 for \$1.40. Postpaid, each, 60c.

Ordinary Garden. 6-inch, each, 12c; prepaid, 20c.

English-Steel. 6-inch. (By mail, add 10c), 25c.

Transplanting Trowel. Can be used either as a transplanter, dibber or weed digger, blade being narrow and deeply curved. 7-inch, 25c; postpaid, 35c.

**TREE PRUNERS.**—Waters'. (Fig. 40.) Length of pole, 4 feet, 60c; 6 feet, 75c; 8 feet, 90c; 10 feet, \$1.00; 12 feet, \$1.10.

Extra Knives, each, 20c.

Lee's New Pole Tree Pruner. Without pole. \$1.00.

Extra Springs. 15c.

Kansas Tree Pruner. One of the best tree pruners we have ever seen. Write for descriptive circular. With 5½-foot handle, \$3.00.

**TREE SCRAPER.**—(Fig. 41.) With handle. Each, 75c

**FLOWER TUBS.**—Columbian. (Fig. 42.) Made of the best pine lumber. Has 12 stakes in tapered shape held together by two steel wires. Natural varnish finish. Measurements are outside of tub.

F. O. B. Chicago only.

12 by 11 inches.....Each, \$1.00; 4 for \$3.60

15 by 14 inches.....Each, 1.50; 4 for 5.60

18 by 16½ inches.....Each, 2.00; 4 for 7.50

21 by 18½ inches.....Each, 2.50; 4 for 9.40

24 by 20½ inches.....Each, 3.00; 4 for 11.00

**Union Cypress.** (Fig. 43.) These tubs are made of ¼-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

No.

1—13½ in. diam., 12-in. high.....Each, \$1.00; 4 for \$3.60

2—14 in. diam., 14-in. high.....Each, 1.25; 4 for 4.60

3—16 in. diam., 16-in. high.....Each, 1.50; 4 for 5.40

4—19 in. diam., 18-in. high.....Each, 2.25; 4 for 8.40

5—21 in. diam., 20-in. high.....Each, 2.80; 4 for 10.40

**TURF EDGER.**—American (Fig. 44). Each, 50c.

English. Imported steel blade only. \$1.00.

**VASE.**—(Fig. 28B.) Clara Cemetery. Glass, 12 in., sharp pointed, 50c.

Fibre. For Cut Flowers. Unbreakable.

9 in. deep, 4½ in. wide.....Each, \$0.40

10 in. deep, 5½ in. wide.....Each, .50

13 in. deep, 8 in. wide.....Each, .60

18 in. deep, 5½ in. wide.....Each, .70

**WATERING POTS.**—American (Fig. 45). Heavy galvanized round can, two copper-faced roses, long spout; 4 quart, \$1.75; 6 quart, \$2.00; 8 quart, \$2.25; 10 quart, \$2.50; 12 quart, \$2.75.

French Style. Oval, otherwise same make as above; 6 quart, \$2.25; 8 quart, \$2.50; 10 quart, \$2.75; 12 quart, \$3.00.

**WEEDERS.**—Combined (Fig. 46). Each, 25c.

Eureka (Fig. 47). The best little hand weeder for loosening soil around plants that we know of. Short handled, 25c; long handled, 35c.

Excelsior (Fig. 48). Each, 10c.

Hazeltine (Fig. 49). Each, 20c.

Langs (Fig. 50). This we find to be by actual trial a first-class labor saver. Price, each, 20c; postpaid, 25c.

Magic Weeder and Hoe. Handy tool, weeder part having 4 long tines. When reversed, can be used as a hoe. Each, 30c.

**WHEELBARROWS.**—The Globe Garden (Fig. 51). Inside measurement of box, 30 inches long, 19 inches wide at wheel end, 24 inches at handle end, 12 inches deep. Has a 20-inch wheel. Price with steel wheel, \$3.60.

The Vaughan Greenhouse. We have had numerous calls for a wheelbarrow which could be used in a greenhouse, the ordinary barrow being too wide for that purpose, and we had built for us a special barrow which will fill this want perfectly. Price, each, \$5.00.

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Raffia is the name given to a long-leaved palm found on the Island of Madagascar. The outer skin of the leaves is stripped off by the natives and tied in long hanks or braids, after which it is packed in bales ready for shipment. As a weaving material it is ideal, combining, as it does, softness and flexibility with great strength. The strands average three feet in length; this gives it a decided advantage over splints and grasses.

The Raffia which we import is the finest grade to be obtained on the Island, and should not be compared with the cheaper coarse material offered by many and used principally as tying material in gardens and nurseries. Besides the natural shade, we have it in fourteen different colors, a sample card of which will be mailed upon request.

Natural, bunch (about 3 ozs.)	\$0.10	Colored, bunch (about 2 ozs.)	\$0.10
Natural, per lb.	.25	Colored, per lb.	.50
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Needles, for Raffia Work, per package		By mail, 1 cent per ounce extra.	

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Since the recent awakening to the importance of basketry Rattan has been brought into marked prominence. Like Raffia, it is also a palm, growing to an astonishing height, and found mainly in China and the Philippine Islands. Nos. 1 to 8 are the common sizes, 6 and 8 being used for the coarser work.

	Oz.	1/4 Lb.	Lb.	Oz.	1/4 Lb.	Lb.	
No. 1	\$0.10	\$0.35	\$1.25	No. 5	\$0.05	\$0.18	\$0.60
No. 2	.08	.30	1.00	No. 6	.04	.15	.50
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### Indian Sweet Grass.

Sweet Grass is an excellent basket-weaving material, and may be combined with Raffia with charming effects. As its name implies it possesses a delightful fragrance. Oz. .10 1/4 lb. .25 1 lb. .35

### WOOD RIBBON.

Imported from Germany. Very thin, 2 1/2 inches wide and comes in fine colors, besides natural. Oz., 12¢; 1/4 lb., 40¢; lb., \$1.25.

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Made from ash wood by the Indians. These splints are one-half inch wide. 7 colors, besides natural. Oz., 20¢; 1/4 lb., 50¢; lb., \$1.50.

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We are Special Chicago Agents for Iron Age Tools.

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More than 25 years' experience selling garden tools has shown us that the "Iron Age" line is the best in every way. Built right, of the best materials obtainable and designed to do all the sowing and cultivating necessary in a first-class garden. They are complete, adaptable tools—the kind you don't want to part with after you have once used them and know what they will do for you.

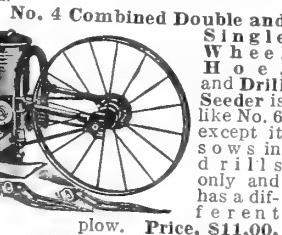


**Hill and  
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Seeders**

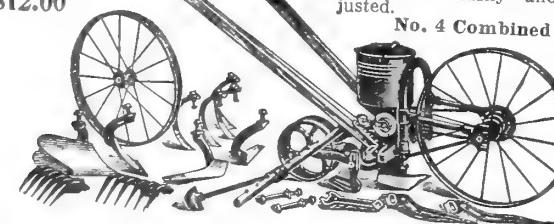


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The most practical and complete garden tool on the market—four machines in one—a hill seeder, a drill seeder, a double wheel hoe to work between—astride the rows, a single wheel hoe to work between—each form complete and the equal of any tools on the market made as separate tools for separate purpose. The cut shows No. 6 set up as a seeder—sows accurately in hills at 4, 6, 8, 12 or 24 ins. apart or in drills with a quick change from one to the other—requires little power to operate it because it is light and easy running—is well constructed on sound principals and will wear well—is easily and simply adjusted.



Price  
Complete  
\$12.00



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A thoroughly practical and complete combination. Will accomplish about all the work of the No. 6 except that it is a Single Wheel tool. Takes about same tools and attachments as the No. 6. In its Seeder form sows either way, in drills or hills. Has strong hollow steel tube frame, the 16 in. wheel and is simply and easily changed and adjusted. When wanted as Hill and Drill Seeder only, order No. 16.

Price, \$8.50.

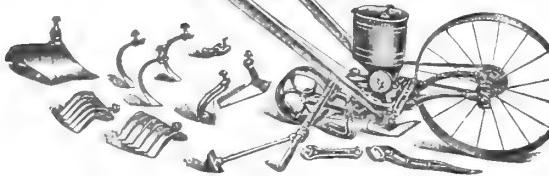
No. 17 Combined Single Wheel  
Hoe and Drill Seeder is same as  
No. 15 except that it has no hill-  
dropping device.

Price, \$10.00.

If wanted as Drill  
Seeder only, order  
No. 18.

Price, \$7.50.

Price  
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### No. 12. Wheel Plow and Cultivator.

An extremely light, yet strong tool, designed for use in a small kitchen garden—it will plow, open furrows and cover them, hoe, rake, cultivate or ridge crops. It is not a cheap tool but is sufficiently low-priced to be within the reach of any laborer, mechanic or owner of small garden with little money to invest in tools, or time to spare for anything but straight ahead cultivation.

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Price  
\$3.50



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### No. 1 Combined Double and Single Wheel Hoe.

This is the Wheel Hoe form of the No. 6. Can be made into Single Wheel Hoe in one minute. Cultivates astride the row close up on each side without injury to the plants or between any width rows with hoes reversed. The steel wheel is 16 in. high, runs easier and don't drop into the low places as a low wheel would do. The frame is made of hollow steel tubing, securely attached to malleable castings—light and very strong. Takes all of the tools shown

and various attachments for special work including Drill Attachments to sow in continuous rows or both drills and hills. The latter are \$4.00 and \$5.00 respectively. If this Wheel Hoe is wanted plain, with hoes only, order as No. 3. Price \$4.25.

### No. 20. Single Wheel Hoe.

The wheel hoe form of No. 15. Tools include side hoes, cultivator teeth, rakes and landside plow. Seeder attachments for drill or hill or drill only can be applied any time. When wanted plain, with side hoes only, order No. 21.

Price, \$4.00.



Price  
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### No. 25 Fertilizer Distributor Attachment.

Capacity, 4 quarts. Sows across the bottom of the furrow, or on either side or as side dressing for the growing crop. Side dressing is practiced more each year—forces maturity of the crop, making it more tender and salable. This attachment makes a complete practical tool at small expense.

This attachment is made to be applied to frame of the No. 20 Single Wheel Hoe, Price \$4.50. If wanted complete with frame, wheel and handles, Price \$8.00.

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**No. 19 Wheel  
Plow and  
Cultivator.**

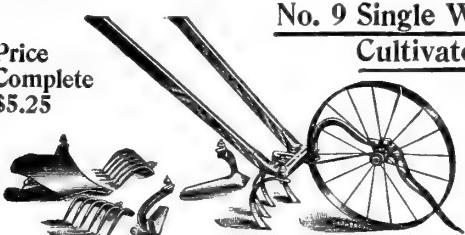
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each side at the same time, by placing the wheel on left side of frame. Complete set of tools furnished. If wanted with side hoes only, order No. 10. Price, \$3.25.

**No. 22 Combined Fertilizer  
Distributor,  
Hill and Drill  
Seeder.**

Applies the fertilizer in connection with the seed, just where it will do the most good. The fertilizer is sown by force feed—no stoppage from small lumps. Coverers draw the soil over the fertilizer soon as sown, two opening plows are provided—one or both can be used, the distributor tubes are brass wire, will not rust and are flexible to allow for narrow and wide adjustments of the plows. The seed attachment is practically same as used on Nos. 6 and 5. Sows in continuous rows or drops in hills. Can be used as side dresser and is sold as such only when so ordered.



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Plants all seed automatically but a boy can make the corrections and does for his time four times over. Plants 100% perfect, every piece of seed,



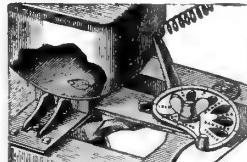
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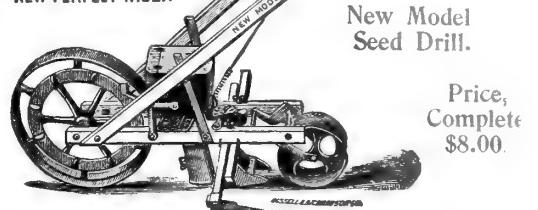
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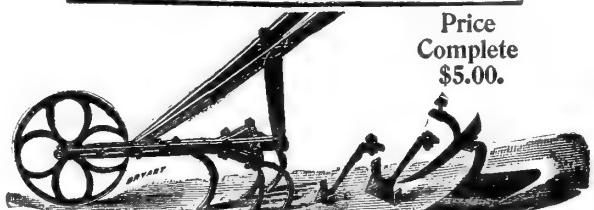
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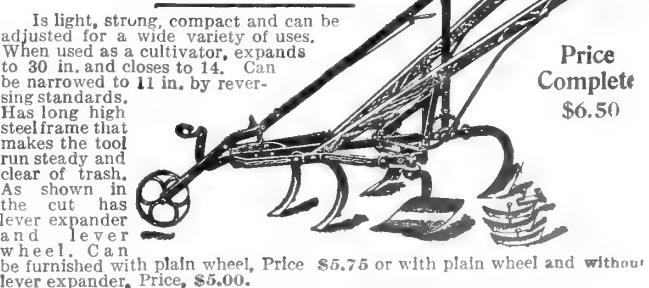
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A favorite that has given entire satisfaction. Is built largely of steel and malleable iron. Wheels and handles adjustable for height. Tool held in notches on under side of frame cannot get loose or slip when working. The tools include five slender cultivator teeth, two sizes of cultivator teeth and a pair of plows which can be used separately or together.

**No. 6 Horse Hoe  
and Cultivator.**

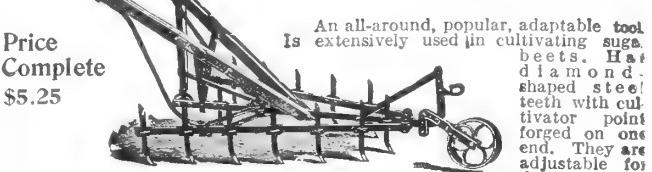
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\$6.50



Is light, strong, compact and can be adjusted for a wide variety of uses. When used as a cultivator, expands to 30 in. and closes to 14. Can be narrowed to 11 in. by reversing standards. Has long high steel frame that makes the tool run steady and clear of trash. As shown in the cut has lever expander and lever wheel. Can be furnished with plain wheel, Price \$5.75 or with plain wheel and without lever expander, Price, \$5.00.

**No. 1 Combined Harrow  
and Cultivator**

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An all-around, popular, adaptable tool. Is extensively used in cultivating sugar beets. Has diamond-shaped steel teeth with cultivator point forged on one end. They are adjustable for depth and

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These are now considered indispensable for celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. Fitted with lever wheel, hillling blades 43 inches long, adjustable in height or width as wanted.

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**All EGG and POULTRY Orders are STRICTLY CASH WITH ORDER, Customers to pay Express Charges. No Eggs or Birds sent C. O. D.**

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Made of seasoned maple and coppered steel wire in two sizes. It has no staples or nails, screws into the woodwork of the loft without the aid of any tool. Can be placed anywhere in the loft and taken down without breaking. It does not leave an unsightly mark when removed. Each..... 6c  
Dozen..... 65c

**VAUGHAN'S CLAY PIGEON NESTS.**

Made of very high grade and valuable clay terra cotta in color, well formed in design and superior in finish. Diameter 8 in. Each..... 15c;  
doz., \$1.25;  
100, \$9.00.

**VAUGHAN'S WOODEN PIGEON NESTS.**

Made out of hard maple. Regular size, diameter 8 inches. Can be fastened to wall if desired. These nests are preferred by many pigeon fanciers to the earthenware ones on account of their smooth finish which makes it hard for dirt to accumulate and easy to clean them.

Price, each..... 10c  
Dozen..... \$1.10

**VAUGHAN'S PIGEON FOOD.**

A scientifically prepared Balanced Ration Food. Especially adapted to the growth of young pigeons and squabs. It makes the best general feed for all kinds of Fancy and domestic Pigeons. Keeps the birds healthy and develops shape, style and plumage to a remarkable degree. As a foundation food it has no equal.

Put up in the following packages.  
5-lb. cartons..... \$0.25  
50-lb. sacks..... \$1.50  
25-lb. sacks..... 1.00  
100-lb. sacks..... 2.50

**VAUGHAN'S SALT CAT.**

An aromatic nutritive and tonic combination for Homing and Fancy Pigeons, Game Fowls, Pheasants, Turkeys, etc., etc.

Price per package..... 15c

**FOUST'S HEALTH GRIT.**

This grit is not intended to take the place of digesting grits. It is, as the name implies, recommended as a health grit for pigeons and contains ingredients that form bone and muscle, and acts as an all around condition powder. Its action is noticeable from the day you start using it.

100 lbs..... \$2.10  
50 lbs..... 1.25  
25 lbs..... 5 lbs..... 25c

**PIGEON BANDS.**

Seamless and open Aluminum Bands. Made in three sizes, as follows:

**Prices of Open Aluminum Bands**  
Plain or Numbered Only, all sizes, per dozen, 20c;  
per 25, 35c; per 50, 60c; per 100, \$1.00.

**Prices on Seamless Aluminum Bands**  
With Year and No. or plain: per dozen, 25c; per 100, \$1.90.  
With Year and Initials, to order: Per dozen, 25c; per 100, \$1.00.

**CAPONIZING SET.**

Poultrymen can double their profits by Caponizing their chicks. The operation is very simple—the instructions are so full and explicit that any man, woman or child after a careful reading will be able to perform the operation. It is highly successful from every point of view. The demand for Capons far exceeds the supply, the price per pound being twice as much as for ordinary chicks. The object of Caponizing is to largely increase the weight of fowl, causing them in many cases to grow as large as turkeys and weighing from 10 to 15 pounds; and to make the meat a finer flavor and very juicy and tender. Complete with instructions..... \$2.50

We send the book—"Complete Guide for Caponizing" with every set.

**RAIRIE STATE EGG TESTER.**

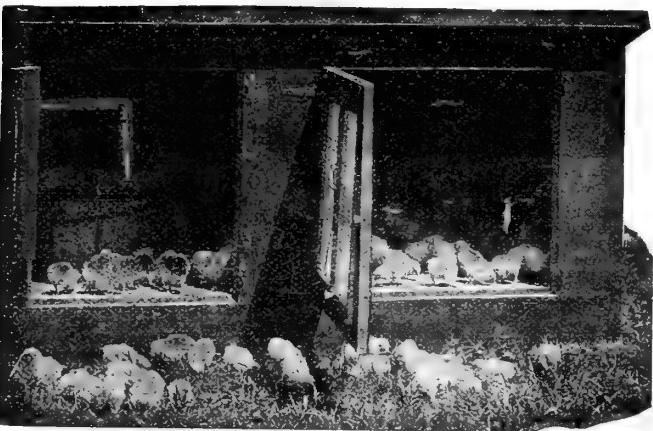
One of these testers is given free with every Prairie State Incubator sold. It fits any No. 2 lamp burner and makes a strong, powerful light for the egg so that any person can easily determine the fertility. We sell at the low price of 30 cents each. By mail, 35 cents.

**VAUGHAN'S ZENITH HEN FOOD**

The Most Economical Feed for Poultrymen. The quality of our Hen Food cannot be surpassed. Always the same quality—the best.

Price per 100 lbs., \$2.35

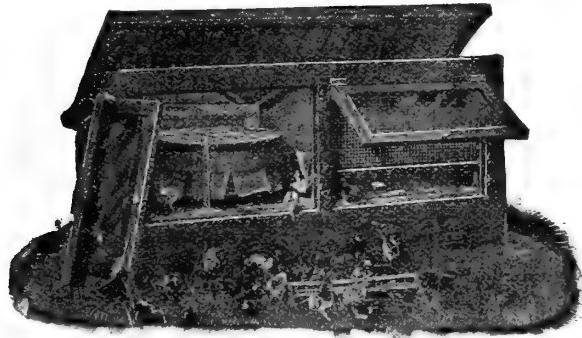
## ... VAUGHAN'S INCUBATOR AND BROODER PAGE ...



**COMBINATION No. 1 COLONY BROODER.**  
"THE POULTRYMAN'S FAVORITE."

The proper device for rearing is just as necessary as a good machine for hatching. For outdoor use, the Combination Colony House Brooders have no equal. Being carefully built, they maintain the desired temperature as well as the best ventilation under all the varying conditions of weather. Zero weather has no ill effects and you can rest assured that your chicks are safe and comfortable either with a rain, hail or snow storm raging outdoors. Large and convenient, they are all one could desire; the sanitary conditions are easily maintained because of the plan of construction.

**No. 2 COLONY BROODER**



**No. 2 COLONY BROODER.**

The sides and floor of this outdoor brooder are made of tongued and grooved chestnut or poplar boards one inch in thickness. The roof of one-half inch boards with dead air space and heavy strawboard insulator, all of which is covered with the best quality of roofing tin, carefully fastened with nails and covered with several coats of best grade anti-rust paint. The whole roof being hinged, may be easily removed to reach the interior.

**No. 3 COLONY BROODER**

This brooder is constructed on the same general plan and lines as the larger Colony Houses and has proven equally satisfactory in practical use. We believe it is the best brooder that has ever been offered to poultry raisers for the money.

**PRAIRIE STATE UNIVERSAL HOVERS**

This device is what we use in all of our popular colony brooders. On account of its adaptability to so many varying conditions and the fact that it furnishes the heat needed in all kinds of weather makes it valuable to everybody.

The hover can be used in any style of box, brooder or colony house, having two feet square or more of space—requires no cutting of floors, furnishes a top heat and does not weaken your chicks with the bottom heat.

**PRICES OF COMBINATION COLONY BROODERS**

No. 1.—(Outdoor) Floor space 36x72 inches—weight crated, 300 lbs.....	\$20 00
No. 2.—(Outdoor) Floor space 30x60 inches—weight crated, 208 lbs.....	16 00
No. 3.—(Outdoor) Floor space 27x48 inches—weight crated, 150 lbs .....	12 00
No. 5.—(Indoor) Floor space 36x36 inches—weight crated, 100 lbs.....	12 00
Heat regulator attached to any of the above brooders \$1.00 extra.	
Lover with lamp case, smoke conductor, lamp and thermometer.....	7 00
When used indoors alone, lamp case is not required.	
Lover and lamp with smoke pipes.....	6 00
With regulator attached, \$1.00 extra.	

**"PRAIRIE STATE"**  
**DIFFUSION INCUBATORS**

**THE EDDY-CURRENT  
DISTRIBUTOR**

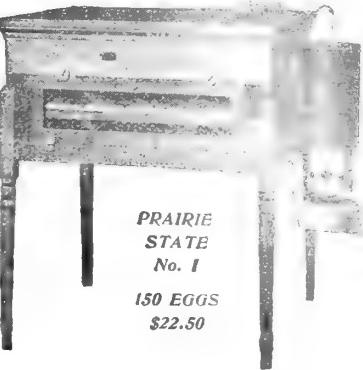
In the present Prairie State Incubator we have embodied a new principle in heat distribution. We use the eddy current as a vehicle for carrying the hot air to the cold parts of the machine, thus changing it from a detrimental to a beneficial feature. The greater the difference of temperature in the radiator the more rapid is the induced circulation. We practically secure by means of a gravity circulation the same result that is attained by a mechanical agitator in the radiator.

The ventilating current in the egg chamber, whether on full or shut off completely, does not influence the self-evening or automatic heat distribution, nor is the heat distribution affected by the width of the opening of the regulator valve; a feature not possessed by any other system of heat distribution.

We guarantee the distribution of heat to be more uniform under greater ranges of temperature than in any other incubator now on the market.

The heat is so uniformly distributed that we use a flat tray in the largest machine. The flat-bottom tray conduces to the quickness and ease in turning.

The eggs can be moved and mixed in less time than in any other way. The sloping tray in an incubator indicates a hot center. If the slope is correct for a warm room, it will be wrong for a cold room. The result is a compromise, with more or less faulty heat distribution.



**PRAIRIE  
STATE  
No. 1**  
**150 EGGS**  
**\$22.50**

**DIFFUSIVE HEAT**

By the diffusive method, heat is carried to the eggs by a hot-air current forced usually through felt, cloth or burlap, in the upper part of the egg-chamber. The most serious criticism that can be brought against this type of heating is when the diffusion screens are used. We have never been able in our experiments to secure as many or as strong chicks as when they are left out. The advantages of the diffusive method are the ease by which the temperature in the incubator can be controlled, and the uniformity in the distribution of heat.



**INCUBATOR Jr. No. 2**

The No. 2 Junior Incubator is a good low-priced machine. It has the highest hatching power of any machine on the market, outside of our "Radio-Diffusive" Prairie State; in all respects being equal, except it does not have as heavy a case, nor will it operate in a room of as high a temperature. That is, we do not mean to say the machine cannot be operated in a warm room, but when operated in a warm room the lamp has to be turned down, whereas the other machine does not.

This machine is for the farmer, the poultryman or those who raise poultry in limited numbers, and owing to their small size, to reduce the care and attention required to the minimum, or the lack of experience in operators, every automatic feature that could be incorporated in an incubator has been used without the multitude of parts; no trap-doors, felts or tubes to bewilder or confuse the user. It comes the nearest to putting in your eggs and taking out your chicks of any incubator with which we are acquainted.

**VENTILATION AND MOISTURE**

These factors in artificial incubation are so intimately connected that they should be treated together. To supply oxygen and remove waste from the growing germs, or, as it is commonly termed, ventilation, is secured in the Prairie State Incubator from the heating current, which enters the egg-chamber in the upper part and is broken up into very small particles by the eddy-current distributor, situated in the upper part of the egg-chamber. This current of warm, pure air enters from the heater and is forced continually through the egg-chamber. At this point the difference between our machine and all others occurs. In all other incubators of the diffusion type, the heating current passes down through the eggs and through apertures or diaphragms in the bottom of the machine to outside, or by a return duct to the heater. Our heating current comes down part way in egg-chamber and passes through apertures in the walls above eggs, so the direct current is only in the upper part of the egg-chamber and what ventilation the eggs receive is through molecular diffusion. The air, after passing through apertures in the walls, passes downward into an air-tight space under the nursery where it is released, thoroughly warming the bottom of the machine, and then passes through holes in the bottom of the incubator to the outside air. Do not misunderstand: we do not apply bottom heat to the eggs. This air current only warms the nursery sufficiently to take the chill off, from 85° to 90°, depending upon the temperature of the room in which the incubator stands.

Evaporation from the eggs is prevented by covering the entire bottom of machine with a galvanized-iron pan containing wet sand. This moisture is being constantly given off underneath the eggs and is a very close approach to the conditions found with a natural hen, that steals her nest upon the ground, there being no current through the nursery during the process of incubation.

**PRICE LIST OF INCUBATORS**

No. 0.—Diffusion, 100 hen eggs—37 lbs. net weight; 35 lbs. crated.....	\$18 00
No. 1.—Diffusion, 150 hen eggs—108 lbs. net weight; 160 lbs. crated.....	22 50
No. 2.—Diffusion, 240 hen eggs—175 lbs. net weight; 240 lbs. crated.....	32 00
No. 3.—Diffusion, 390 hen eggs—220 lbs. net weight; 275 lbs. crated .....	38 00
No. 2.—Junior, 115 hen eggs capacity—70 lbs. net weight; 95 lbs crated.....	15 00

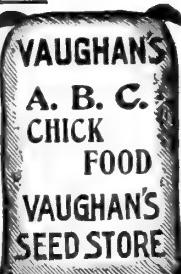
**Vaughan's Chick Food.**

This contains all that is necessary for chickens until they are four or five months old, except water (skimmed sweet milk is best) to drink, and clean fresh grass or green feed. With proper care and attention to their surroundings this Food will raise every chick. Never feed more than they will eat up clean and make them hunt or scratch for most of it. Turn food out and mix well together, as grit and small seeds settle to the bottom of packages GRADES.

- A—For chicks up to 4 weeks old.  
 B—For chicks 4 to 8 weeks old.  
 C—For chicks 8 weeks to 4 months old.

**NET PRICES.**

100-lb. bags	\$2.50
50-lb. bags	1.50
25-lb. bags	1.00
5-lb. carton	.25



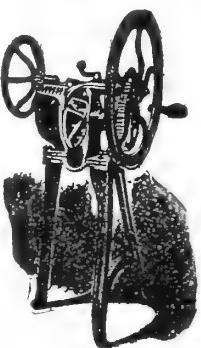
Chicks grow strong and healthy if fed with Vaughan's Chick Food

**BONE CUTTERS.****THE HUMPHREY BONE MILL.**

The Hopper is an open bowl tapering from top to bottom and closed on one side by the revolving head casting carrying 4 cutting knives, and on the other by the pivoted wing. The cutting head consists of a disk nine inches diameter with four slots radiating at right angles from a common center, with heavy braces in the back to insure strength, and with recesses in the face in which the knives are placed even with surface of the plate. The power is applied by the double leverage secured by having the turning handle at the outer edge or rim of a large fly wheel, the axle of which is a small cog wheel which engages with a larger wheel, to which cutting knives are attached, thus securing a great force with the smallest possible expenditure of energy.

The No. 2 Humphrey in appearance is the same as No. 1, but is made from heavier patterns and supplied with a pulley wheel made to run by power.

No. 1. Hand Power.....	\$12.00
No. 2. Power only.....	13.50
No. 2½. Hand and Power.....	15.00



NO. 1 HUMPHREY.

**MANN BONE CUTTERS.**

No. 5B. For bench use. Price, \$8.00.

No. 7 is intended for a flock of 50 to 100 hens. Weight, 107 pounds. Price, \$12.00.

Mann's No. 9. The description of No. 7 will apply to this machine. The difference consists in larger cylinder, greater holding capacity, different design and larger table. Weight, 163 pounds. Price, \$18.40.

**CROWN BONE CUTTER.**

This machine cuts meat or bone equally well. It has steel knives which can easily be taken out, sharpened and replaced. The cutter is always ready, quickly cleaned, turns easily and cuts fast. The material to be cut is in hopper and pressed down with a lever which requires very little pressure by the operator. It is furnished with stand complete, or can be fastened to a bench instead.

## PRICES.

Weight, with stand, 80 lbs. Price..... \$8.00  
 Weight, without stand, 50 lbs. Price..... 6.00

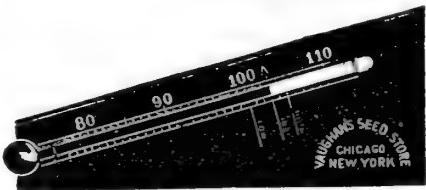
**WILSON DRY BONE MILL.**

This Mill will grind dry bones, shells, all kinds of grain, gravel, stones and old crockery.

Price, without stand, \$5.00; weight, 33 lbs. Price, with stand, \$7.00; weight, 64 lbs. Diameter of hand wheel, 22 inches.



NO. 1 DRY BONE, SHELL AND CORN MILL.

**THERMOMETERS****CERTIFIED THERMOMETER**

Vaughan's Certified Thermometer, highly sensitive. Each one is thoroughly tested before leaving factory. For incubators only.

Price, each .....	\$1.00
By mail at purchaser's risk.....	1.10

**PRAIRIE STATE THERMOMETERS**

These thermometers are especially adapted to the Prairie State Incubators and Brooders and should invariably be used with these machines. These thermometers are well made, thoroughly tested and fully guaranteed. These tubes are seasoned for two years before used.

Brooder Ther. for hover, by mail..... 60c

Reclining Ther., by mail..... 85c

Brooder Ther. for hover, at store..... 50c

Reclining Ther., at store..... 70c

**PHILADELPHIA POULTRY MARKER.**

There is no better or quicker way than by this marker, as over two hundred different marks can be made by punching web between toes; for instance, between the first and second toe of the right foot can mean Wyandotte or Plymouth Rock, between the second and third toe, White Leghorns or Langshan, so that hundreds of private marks can be made.

Size No. 1,  $\frac{1}{8}$  in. in diameter, each..... 27c

Sent postpaid on receipt of price.

**SPRING LEVER POULTRY PUNCH.**

The best and most satisfactory punch yet produced. It is self-opening, perfectly aligned, absolutely accurate, handsomely finished, carefully tested and exceedingly cheap. Spring lever.

Price postpaid, each ..... 27c

**SUCCESS****WHITEWASH AND SPRAY PUMP.**

FIG. 659.

This spray pump is a most excellent one for use in gardens, greenhouses, orchards, washing windows and bugies, also for whitewashing and spraying poultry houses. It is fitted with a Bordeaux nozzle, which is the best combination spraying device, and can be changed from a solid stream to a spray. It is double action and has a large air chamber which throws an absolutely continuous stream solid or in fine spray. We consider it one of the best pumps made for the money.

Price, complete..... \$4.50

**THE TENNANT SPRAYER.**

The receptacle is a new and special design of extra heavy glass, well protected with a spring steel lantern wire guard. Holds about a quart of liquid; easily filled and washed out; contents always in sight. Fint or quart Mason fruit jar may be screwed in the can desired.

Large size, 75c. Medium size, 60c. Small size, 40c.

**THE HUMPHREY CLOVER CUTTER.**

A heavy well finished machine to cut clover and alfalfa hay into pieces one-eighth inch and less. By the ingenious use of plates and screens all long stems are passed back to the cutter to be recut, so that the product is of even length and of a size that makes it the best prepared green food given to poultry. Forty cuts of the knife for each revolution of the hand wheel makes speedy work of clover cutting, and the heavy balance wheel makes easy work for the operator. The bed knife is double edged, giving double the wear of any market. Price, \$10.00.



clover cutter on the market. Price, \$10.00.

**AMERICAN PIPE SYSTEM FOUNTAIN.**

As the cut shows it can easily be arranged in series to supply any number of pens by piping either way. The greatest labor saver known. Will not tip over. Is perfectly sanitary in every respect. Positively automatic in action. It can be cleaned in a minute. The water remains perfectly fresh as it is not confined with foul air as is in some other makes. Price, each, \$1.50, 6 for \$8.60, 12 for \$16.90

**THE 0-2 WHITEWASH SPRAYER**

To those who desire a medium price sprayer that is constructed of best material and one that will do good work, this sprayer will answer your needs. It is equipped with 3 feet discharge hose, shut-off cock, and our Star spray nozzle and shoulder strap.

DIRECTIONS—Unscrew top lid and remove the pump. Strain liquid or covering material to be used into the tank until full within two or three inches of top; place the pump in tank and be sure to screw the lid down perfectly tight. Pump about 10 to 20 strokes with pump, which will charge tank with about 50 pounds pressure; open spray cock and you are ready for work. Price, \$6.50.

# Vaughan's ZENITH

## HEN FEED

Vaughan's Zenith Hen Feed is different from nearly every hen food on the market. It contains no grit, no shell or other weight-making ingredients. Every ounce of "Zenith Feed" is an ounce of pure grain.

Vaughan's Zenith Hen Feed is a very superior mixed food, which meets all the requirements of maturing chicks and laying hens. The feed is composed of only sound, sweet grain, as we never, under any condition, allow any damaged grain to get into this food. The mixture is made carefully and scientifically.

We believe this Feed to be the cleanest and best balanced ration on the market to-day. Not only do we use great care in choosing the grain to be used, but after the thorough mixing, we thoroughly clean from all dust and too finely-ground particles by means of our electric dusting apparatus. We thus insure our customers a food that has a minimum of waste.

Because Zenith is an all-grain mixture, it is advisable in feeding to supply, in addition, Grit, Bone, Meat Meal, Charcoal and Green Food. If fed in a litter of cut clover or hay, scratching is necessary and is an extremely beneficial exercise for the poultry.

100 lbs.....	\$2.35	25 lbs.....	.75c
50 lbs.....	1.25	10 lbs.....	.35c
5 lbs.....	20c		

## HULLED OATS

Hulled Oats are excellent for feeding young poultry, especially ducks and young turkeys. They are far superior to wheat, corn, rye and other grains, being easily assimilated, and contain more bone and muscle making properties than other grains.

100 lbs.....	\$3.00	25 lbs.....	\$1.25
50 lbs.....	1.75	5 lbs.....	.25

## VAUGHAN'S GROUND BEEF SCRAPS.

### Or Prepared Meat for Poultry.

This is the finest thing we know of to cause hens to lay during the winter. Feed 3 times a week at the rate of 1 oz. to each fowl, mixed with the daily mash.

As high prices for Eggs prevail at this season of the year it makes very profitable feeding.

100 lbs.....	\$2.75	25 lbs.....	.80
50 lbs.....	1.50	5 lbs.....	.25

## VAUGHAN'S MEAT MEAL.

Our Meat Meal is a fine, clean preparation manufactured from Beef's Blood and meat scrap; carefully treated under steam pressure, resulting in a valuable commercial product rich in protein, nitrogen, bone phosphate and albumen for growing chicks and laying hens. It is not a refuse or gleanings from fertilizer works, but a pure, wholesome, profitable food for poultry.

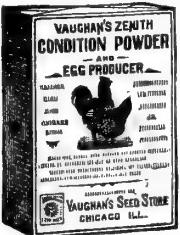
100 lbs.....	\$2.50	25 lbs.....	\$0.75
50 lbs.....	1.35	5 lbs.....	.25

ARE YOUR HENS LAYING?

If Not, Try

Vaughan's ZENITH HEN FOOD

## VAUGHAN'S ZENITH CONDITION POWDER.



15 oz. box .....	15c	2 1/4 lbs. box .....	.25c
6 lbs.....			50c

Full directions for feeding on each package.



25 ounce packages, each.....	\$0.25
25 ounce packages, per dozen.....	2.50
5 pound packages, each.....	.60

## CONKEY'S LAYING TONIC



Price per pkg..... .25c

## ALFALFA CLOVER MEAL.



can be fed to young chicks as well as older birds. It adds greatly to the luster and plumage of poultry and keeps them healthy and vigorous all winter when green feed is scarce and not easily supplied.

100 lbs.....	\$2.25	25 lbs.....	.75c
50 lbs.....	1.25	10 lbs.....	.40c

## DRIED BLOOD MEAL.

This is a highly concentrated form of animal food, rich in albumen and egg-forming materials. Do not think it is expensive because price is higher per weight than other animal foods, as much less is required. It is odorless and contains only pure blood, which makes it the cheapest animal egg food on the market today.

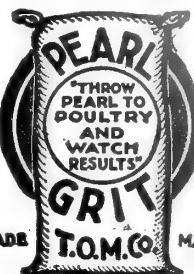
100 lb. bags, each.....	\$3.40
50 lb. bags, each.....	1.75
25 lb. bags, each.....	.90
5 lb. cartons, each.....	.25

## GROUND RED PEPPER.

Mix this with Red Albumen for a worm feed.  
Per lb..... 35c

## VAUGHAN'S COMPLETE PEARL GRIT.

### The Proper Feed for Fowls.



To get the best results they must be made strong, healthy and prolific. They need shell-forming, feather-building, sinew-strengthening materials that will invigorate the system and develop their laying qualities. Pearl Grit is a grit and shell-maker combined. Guaranteed to contain all essential properties of both grit and shell.

### PRICE:

100 lbs.....	.75c	25 lbs.....	.25c
50 lbs.....	.45c	5 lbs.....	.10c

## CRUSHED OYSTER SHELLS

100 lbs.....	.85c	25 lbs.....	.25c
50 lbs.....	.50c	5 lbs.....	.10c

## GROUND BONE.

Course Ground for large poultry and Granulated for young chicks and pigeons.

## CHARCOAL.

Coarse Ground for large poultry and Granulated for young chicks and pigeons.

### PRICES:

100 lbs.....	\$1.90	10 lbs.....	.50c
25 lbs.....	1.00	1 lb.....	.10c

## PHEASANT'S FOOD.

Crispel or Prairie Meat is a carefully selected meat preparation for Pheasants and young chickens. It is a substitute for ant eggs and other insects. It contains neither pork, bone or fat of any kind, being nothing but a pure meat product. It is used by all the large Pheasant Breeders of England and America.

100 lbs.....	\$5.00	25 lbs.....	.125
50 lbs.....	2.50	5 lbs.....	.30

## SPRATT'S GAME MEAL.

This is a complete balanced ration carefully put up for Pheasants and all game fowl.

100 lbs.....	\$5.75	25 lbs.....	.175
50 lbs.....	3.00	5 lbs.....	.40

## CRACKED CORN.

Valuable for mixing and feeding with other grains.

100 lbs.....	\$2.00	25 lbs.....	.60c
50 lbs.....	1.00	5 lbs.....	.20c

## HARD RED WHEAT FOR PIGEONS.

Extra choice recleaned Seed.

### PRICE:

100 lbs.....	\$2.75	5 lbs.....	.25c
25 lbs.....	.85		

## TARES OR VETCHES.

Used extensively for feeding pigeons.

### PRICE:

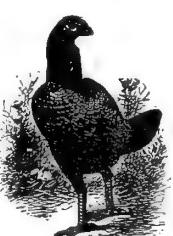
100 lbs.....	\$5.25	5 lbs.....	.40c
25 lbs.....	1.60		

## "YANKEE" CORN.

This is a small kernel flint corn extensively used in conditioning show birds and especially for Games. Our stock is selected with great care and we offer it very low. Prices are subject to market changes.

### PRICE:

100 lbs.....	\$2.50
50 lbs.....	1.50
25 lbs.....	.90
10 lbs.....	.45
5 lbs.....	.25



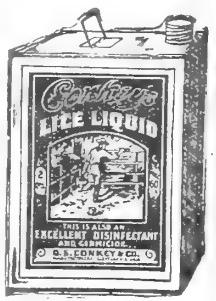
**VAUGHAN'S LIQUID LICE KILLER.**

Probably no one cause, or even many causes combined, has discouraged and ruined more poultry raisers than lice. They are several varieties and they find refuge in every nook, crack and corner of coops, houses and buildings where poultry is kept. They inhabit the nests, cover young chicks as soon as hatched, stop hens laying and make sad havoc everywhere if not checked. There are in fact few flocks free from these blood sucking pests which kill more fowls and young chicks than any other cause. Vaughan's Liquid Lice Killer successfully exterminates all kinds of lice that infest poultry, and turns a flock of droopy, dejected, profitless fowl into a happy, vigorous, money making colony. It is worth many times its cost, contains no harmful ingredients to either fowls or persons, but is sure death to all kinds of vermin. It is easy of application. Will furnish immediate relief. No trouble to follow directions which are given upon every package.

1 gal. size ..... 75c  
½ gal. ..... 50c  
1 quart size ..... 35c

**CONKEY'S LICE LIQUID.**

There are a great many poultrymen who do not seem to understand that the Mite requires entirely different treatment than the ordinary louse. There is no powder made that will entirely rid you of the Mite, and until you are rid of him he will multiply until every fowl you have is rendered useless from exhaustion. In our opinion, the Mite will do more to reduce the profit of your fowls than all other varieties of vermin combined. Conkey's Lice Liquid will immediately destroy these terrible pests and will rid your poultry house of its greatest profit killer. 14-oz. carton..... 25c

**VAUGHAN'S****LICE POWDER.****THE BEST ON THE MARKET.**

Those who try one package will use no other.

Removes that itchy feeling.  
Three Sizes.

5-oz. package ..... 10c  
16-oz. package ..... 25c  
48-oz. package ..... 50c  
100-oz. package ..... \$1.00

**LAMBERT'S DEATH TO LICE.**

This well-known disinfectant will rid your fowls of all vermin. It is cheap and effectual. The poultry man, with this powder and a supply of whetwash need not fear that his flock will be bothered with lice. 15-oz. box, 25c; 48-oz. package, 50c; 100-oz. package, \$1.00. Add 1c per ounce to pay postage if sent by mail.

**CONKEY'S LICE POWDER.**

Where Conkey's Lice Powder is properly used, fine results are assured. Hens that spend the day picking and scratching, in a vain effort to rid themselves of parasites, cannot give satisfactory returns, and because of their lack of vitality, are susceptible to all kinds of disease,

**Conkey's****Lice Powder**

is guaranteed to please you. It will kill lice on poultry, cattle and horses, fleas on dogs, and vermin of all kinds. It will also kill bugs on cucumber, squash and melon vines, on rose bushes, etc. It is also an effective disinfectant and germ destroyer.

15-oz. pkg ..... 25c

**LIGHTNING LICE POWDER.**

½ lb. tin ..... 25c  
1 lb. tin ..... 50c

**VAUGHAN'S LIQUID DISINFECTANT.**

As a general disinfectant and cleaner stands without an equal.

Infallable destroyer of all vermin and disease germs. Certain eradicator of insects and diseases of all animals. Kills Cockroaches. Water Bugs, Ants, Etc.

Pint ..... 25c  
Quart ..... 40c  
½ gal ..... 75c

**CONKEY'S HEAD LICE OINTMENT.**

This Ointment kills head lice on young chickens. Cures scaly legs.

1 oz. ..... 10c 3 oz. ..... 25c

**VAUGHAN'S ZENITH FLY KNOCKER.**

A sure and effective remedy against flies and mosquitos; also lice, screw worms and horn and blow flies.

It kills lice when applied to horses, cows and other animals.

It prevents inflammation and fly-blows and causes wounds to heal quickly.

It keeps flies out of stables.

It makes stock fatten better.

It is considered the best remedy in use for cut-scratches, burns, scalds, flesh wounds, old sores, etc.

It keeps flies away and kills maggots where sores are infected with them and heals quickly.

Price, quart size, 50c.; ½ gallon 75c.; 1 gallon \$1.25

**ROUP CURES.****VAUGHAN'S GOOD HEALTH FOR POULTRY.**

A positive cure and preventive for colds, sore mouth and canker, sore eyes, sore breast, back or shoulders, cracked heels, crush, wounds, cuts, sores, saddle galls and roup.

Price { Large bottle ..... \$0.50  
Small ..... 25c

**Vaughan's Magic Liquid Roup and Cholera Cure.**

Every poultry raiser should have a can of it; not wait until the roup makes its appearance. It will be found

**A Good Preventative**

if a small quantity is put in drinking water.

½ pint can ..... 25c  
1 pint can ..... 50c

**CONKEY'S ROUP CURE.**

Will positively cure roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds and is unequalled for canker, especially in pigeons. One 50-cent package makes 25 gallons of medicine.

Small package, by mail, prepaid, \$0.50  
Large package, by mail, prepaid, 1.00

**VAUGHAN'S ZENITH ROUP CURE.**

Our Roup Cure is a positive and dependable remedy for this dreaded disease in all its forms and stages. It also prevents and cures colds and canker in poultry and pigeons. It is administered by dissolving it in the drinking water of the fowls, as per printed instructions, which accompany each package. Large size, each, \$1.00

Small size, each, 50c

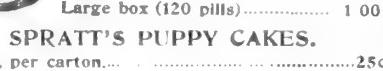
**VAUGHAN'S ZENITH ROUP PILLS.****A RELIABLE REMEDY.**

The most effective Roup Pills on the market.

Small box (50 pills) ..... \$0.50  
Large box (120 pills) ..... 1.00

**SPRATT'S PUPPY CAKES.**

Price, per carton ..... 25c

**VAUGHAN'S****SONG RESTORER**

Our Song Restorer for Birds is made from a famous English recipe, and it contains all the ingredients which help to counteract all colds and hoarseness. It also encourages color and growth of the plumage.

Price, per pkg. ..... 15c

We have facilities for supplying all other reliable Bird Seeds and Foods in any quantity, free from dust or adulterations, such as Canary, Rape, Hemp, Flax Seed, German Millet and Large Yellow Millet.

Prices on application.

**SPRATT'S DOG BREAD.**

Price, per carton ..... 25c

**Conkey's Poultry Tonic**

Price, per can ..... 25c

**THE EYRIE EGG BOX.**

Strength—The box is so firmly braced by the Corrugated Partitions that it stands a weight of 1,000 lbs.

Handle—Prevents the putting of anything on top of box.

The Lock—The insertion of the handle automatically locks the box. It cannot be tampered with in transit.

Dead Air Cells—The eggs are completely surrounded by Double-Faced Corrugated Paper, which provides a dead air-space, effectively preventing their chilling in the coldest weather.

Saving of Time—You can pack twenty of these boxes in the time it takes to pack one basket.

15-Egg Size ..... 30-Egg Size.  
\$0.15 ..... \$0.20

1 doz ..... 1.25 per doz ..... 1.90 per doz  
10 doz ..... 1.10 per doz ..... 1.70 per doz

**AMERICAN SANITARY FOUNTAIN.**

The greatest labor-saver known. Is filled at the top; will not tip over or drown the chicks. Is perfectly sanitary in every respect. Positively automatic in action. It can be cleaned in a minute. All parts are made from the very best galvanized iron, and will last a lifetime. For either poultry or pigeons. Water remains perfectly fresh, as it is not confined with foul air, as in other makes. In fact, it is the BLUE RIBBON Fountain. It leads them all.

Prices—3-qt., 75c; 6-qt., \$1.00; 8-qt., \$1.25.

**AMERICAN WARM WATER DRINKING FOUNTAIN****This cut shows the American Warm Water Drinking Fountain complete.**

In the heater, beneath the fountain, there is a small lamp, in which can be used kerosene or alcohol. This lamp will hold sufficient oil to burn 24 hours. By the use of this heater it does away with frozen fountains, which cause so much trouble every morning.

**PRICE**

No. 1 ..... \$1.50  
No. 2 ..... 2.00  
No. 3 ..... 2.50



## LEG BANDS AND DRINKING FOUNTAINS.

## CLIMAX LEG BANDS.



These bands have been on the market for years and have proved a most satisfactory device for marking poultry. They are especially desired for marking birds with feathered legs, and are neat, simple and easy to put on, and absolutely secure if properly applied. Rings are made of spring brass and tags of aluminum.

Sizes: No. 1,  $\frac{1}{2}$  in., No. 2,  $\frac{5}{8}$  in., No. 3,  $\frac{3}{4}$  in., No. 4,  $\frac{7}{8}$  in., No. 5, 1 in., No. 6,  $1\frac{1}{2}$  in.

Prices postpaid: Per doz., 25c; per 25, 40c; per 50, 75c; per 100, \$1.35 Write for prices on larger lots.

## IMPROVED CHAMPION LEG BANDS.



The oldest and most popular band on the market. It is made in one piece, adjustable to fit any leg. It will stay where you put it. It is impossible for it to come off, as it is held by a double lock. Made of aluminum.

Prices: 12, 15c; 25, 30c; 50, 50c; 100, 80c; postpaid.

## THE SMITH SEALED LEG BANDS.

Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50. Bands stamped with initials and numbers or name and address, 6c for 50 or less; 10c per 100 extra.

## SEALERS

For Smith-Sealed Leg-Bands.

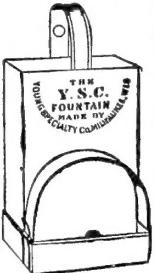
Plain ..... each, 50c Lettered Jaw ..... each, 65c Nickled ..... each, 75c Nickled-Lettered Jaw, 90c

## VAUGHAN'S PIGEON AND POULTRY FOUNTAIN.

This fountain is made of heavy galvanized tin which will not rust and is so constructed that it can be placed on the floor of the loft or hung on the wall to be reached easily by the pigeons.

The bottom is fastened by rings on the back of the fountain and closes up at the front by a spring on each side. In front is an arch to keep dust and dirt from entering the water.

Price:  $\frac{1}{2}$  gal. size, 50c; 1 gal. size, 75c; 2 gal. size, \$1.25.



## PEERLESS HEATER

It is an acknowledged fact that poultry will do better and lay more eggs in winter if they can have water that is not ice cold.

In offering the Peerless Heater for sale we give an opportunity to every poultry raiser to improve the condition of his fowl and increase his egg yield with very little extra work and at a small expense.

The Combination Peerless Fountain when in use should be hung to the wall either by back strap or bail, which makes it absolutely safe.

Price..... \$1.60

## PRAIRIE STATE FOUNTAIN.

These fountains are made of galvanized iron and so constructed that fowls can get at all sides of it. It is entirely round, as shown in cut. Made in four sizes.

Prices: Each Doz.  
1-quart ..... 20c \$2.00  
2-quart ..... 25c 2.50  
4-gallon ..... 35c 3.25  
8-gallon ..... 50c 4.75



Don't forget to visit our *Poultry News Stand*. All the Leading Journals 5c each.



## VAUGHAN'S "SANITARY" SELF-FEEDING BOX.

Three spaces. Made of heavy galvanized iron. Will last a lifetime. Saves waste. Hangs on a nail. Holds four quarts. Soon pays for itself. Neat, cheap and convenient. Try them.

Price, 50c; per doz... \$5.50

## WOODEN FEED OR GRIT BOX.

This box is made of wood with only one space. Fine for dry feed.

Price..... 35c

## Vaughan's Dry Food Hopper

Two spaces, made of heavy galvanized iron. For beef scraps and grain.

Price, each, 75c; per doz., \$8.50

## Conkey's Gape Cure

Price, per can ..... 50c

## Conkey's Scaly Legs Remedy

Price, per can ..... 50c

## VAUGHAN'S EARTHENWARE FOUNTAIN.



For anybody who desires an earthenware drinking fountain these founts are not excelled for poultry and pigeons. They will keep the water cool and clean and are so manufactured that it is impossible for chickens to get wet or drown while using them. They are easily filled; never tip over, and never get out of order. Terra cotta in color. The saucer is glazed, but the fountain is not. Made in three sizes.

Prices: 1-quart, each, 20c; doz., \$2.25. 2-quart, ea., 30c; doz., \$3.35. 4-quart, ea., 40c; doz., \$4.50.

## RELIABLE EGG CARRIER.

The most complete egg carriers on the market, holds 12 dozen eggs. It is equipped with an adjustable cover and a patent combination lifter and fastener, just the thing for the farmer and poultry man. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it was full of eggs. When a farmer or poultryman wishes to save his eggs for market this carrier is what is needed. It is equipped with the very best heavy A. No. 1 fillers.

Egg Carrier ..... each, 50c. Per doz..... \$4.25



## THE ONTARIO EGG CARRIER

Square Style.

This is the most practical egg carrier on the market. It is shipped set up and nested ready to receive the contents. Packed 250 in a bundle, shipping weight 23 pounds per 250. Price:  
Per doz ..... \$0 15  
25 for ..... 30  
50 for ..... 50  
100 for ..... 85  
1000 for ..... 8.00

Prices on Poultry Supplies are F. O. B. Chicago where we carry our stock.

## WIRE HENS' NEST.

These nests are strongly made from heavy wire, and will last a lifetime. There is no room on them for lice to find lodging place, and they are easily kept clean.

Price, ea. 15c;  $\frac{1}{2}$  doz. 75c; one doz., \$1.50



## PORCELAIN NEST EGGS.

Porcelain.

These eggs are best flint glass, white, and will last a life time.

3c each, 2 for 5c; doz., 25c; gross, \$2.50.

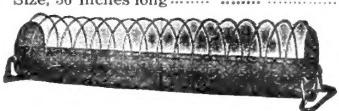
Knox's Medicated. Effective, lasting. Just the thing to chase the lice from laying or setting hens and clear the nests of vermin. Retains its strength but gradually reduces in size.

6c each, or 60c per doz.

AMERICAN FEED PAN OR WATER TROUGH.

## PRIZES.

No. 1—Size, 18 inches long ..... \$0 50  
No. 2—Size, 24 inches long ..... 75  
No. 3—Size, 36 inches long ..... 1 00



## CLIMAX POULTRY NETTING.

Made with three-strand selvages. Galvanized after weaving. Strongest poultry netting made in the world. Put up in bales 150 feet long.

Prices per Bale, F. O. B. Chicago. Five bale lots delivered free of freight when rate does not exceed 50c per 100 lbs.

	3-in. Mesh Width 12 inches.....	2-in. Mesh No. 18 Wire Width 18 ".....	1-in. Mesh No. 19 Wire Width 24 ".....	No. 20 Wire Width 30 ".....
	\$ .....	\$ 1 00	\$ 2 00	\$ 3 10
		1 45	1 85	4 10
		2 35	2 80	5 10
		2 80	3 25	6 25
		3 25	3 70	7 25
		3 75	4 20	8 25
		4 65	4 65	....
		5 60	5 55	....

Note:—Blank spaces indicate wire is not made to those meshes.

Sold in bales only.

## VAUGHAN'S EXHIBITION COOP.

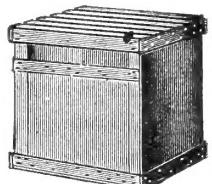
Made of the best selected material; strong, neat and durable. Front is  $\frac{1}{2}$ -inch round iron bars, the top ends and back are heavy canvas, and there is a strong canvas curtain that fastens down in front for shipping to protect birds from cold and drafts. It has a narrow door full length at the bottom for cleaning. Door full height. Nicely painted. Price for trio size..... \$2.00 Pen size ..... 2.25



## ALL-WOOD SHIPPING COOPS.

Considered one of the best on the market. A closed coop made of light lumber having a two-inch opening in front and back under slated top so as to give fowls plenty of fresh air when shipping them. Birds shipped in this coop are in no danger of smothering, free from heat of steam pipes, drafts on depot platforms, and arrives at destination without having their plumage harmed. Made in the following sizes:

No.	Length	Width	Height	Each	Per Doz.
1	12	18	18	\$0 30	\$3 25
2	18	18	18	35	3 75
3	12	21	21	35	3 65
4	18	21	21	40	4 50
5	24	21	21	50	5 50
6	30	21	21	58	6 00



## **TABLE OF CONTENTS**

**Explanation of Table Below:** Numbers prefixed with \* represent Novelties; B, Bulbs; F, Farm Seeds; P, Plants; R, Roots; S, Seeds.

INCLUDE  
THESE

# VEGETABLE SPECIALTIES

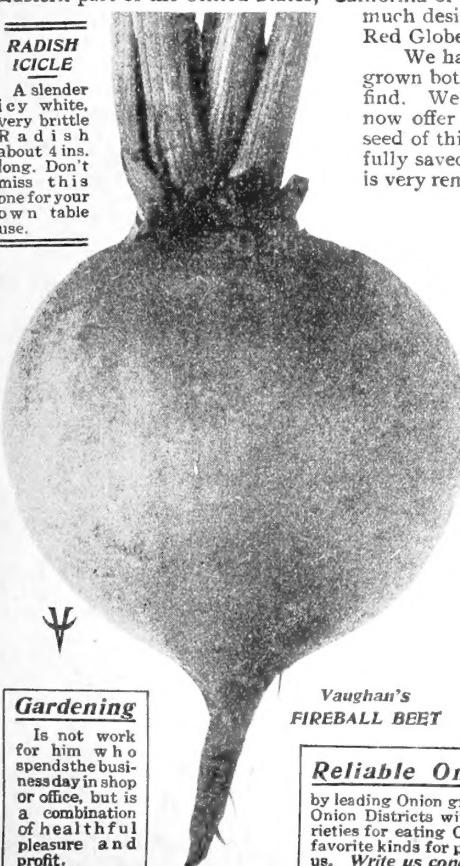
IN YOUR  
1911 ORDER



Vaughan's NEW FILL-BASKET SPINACH  
Early, better and twice as large as Victoria

## RADISH ICICLE

A slender  
icy white,  
very brittle.  
Radish  
about 4 ins.  
long. Don't  
miss this  
one for your  
own table  
use.



## Gardening

Is not work  
for him who  
spends the busi-  
ness day in shop  
or office, but is  
a combination  
of healthful  
pleasure and  
profit.

## Vaughan's FIREBALL BEET

Pkt, 10c, oz 15c, 2 oz 25c,  
 $\frac{1}{4}$  lb 45c. lb \$1.25.

**Reliable Onion Seed** Since 1880 Vaughan's Seeds have been used by leading Onion growers in Michigan, Iowa, Ohio, and Illinois Onion Districts with satisfaction everywhere. The best varieties for eating Onions in carload quantities, as well as the favorite kinds for producing Onion Sets can be secured from us. Write us concerning your needs.

## NEW BUSH BEAN WITH POLE POD

### Vaughan's Monster Stringless Wax

This is a variety without a superior as to quality and flavor. It is so stringless and tender without any linen in the pod) that it may be used up to the time the Bean is almost ripe.

In size it is the largest of all Bush Beans; about  $\frac{1}{2}$  inch thick and 5 to 8 inches in length. In color it is a light hand-some yellow, a color which it assumes almost from its setting.

In addition to its quality and size, Monster Stringless Wax is early, being within a couple of days of the popular early Wardwell's Wax, and very unlike its parent, Yosemite Wax, matures its beans evenly and well together.

This variety does its best on the rich prairie soil of the West. On light or sandy soils it is not of as much value as some others. For private gardens it is unsurpassed, and as an exhibition variety it has no equal.

Pkt 15c; pt 25c, by mail 33c; qt 40c, by mail 55c

## NEW SPINACH

### Vaughan's Giant "Fill-Basket"

This novelty in "Greens" has been produced through the careful culture of an expert German grower and the Fill-Basket in Germany is regarded as the best

Spinach ever produced. With our customers and in our trial grounds it has given phenomenal results. The enormous plant illustrated grew 24 inches across on rich soil; twice as large as the Victoria. The large quantity of bulky leaves may be seen in the center of the well developed plant in the picture. The dark glossy green leaves have a strongly undulated surface and are notably thick in texture. In eating qualities the plant is very tender, well flavored and can be cut early. Pkt 5c, oz 10c,  $\frac{1}{4}$  lb 25c, 1 lb 60c.

## VAUGHAN'S APPLE-SHAPED RED GLOBE ONION

Whenever a dark red, small necked, round onion is desired, Vaughan's Apple-Shaped Red Globe is the most perfect type that can be found. It is ideal for enclosing the largest bulk in the most compact shape. Its color is rich dark blood red, such as can only be kept by continually growing it under the most favorable conditions in the Eastern part of the United States; California or far western grown Onions soon losing the deep rich red color so much desired. In size the Apple-Shaped Red Globe is equal to anything in Red Globe Onions.

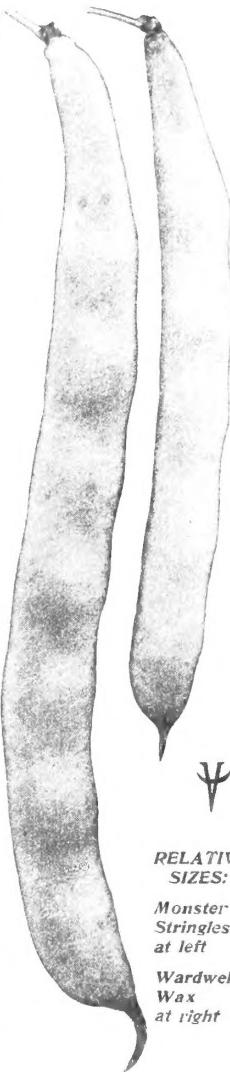
We have each year re-selected bulbs for size, shape and color and have grown both bulbs and seed on the richest land near Chicago that we could find. We have harvested excellent crops for the past two seasons and we now offer it in quantity and at a price which puts it in reach of all. Our seed of this variety is grown alone and away from any other variety, carefully saved, washed and remilled so that the chance for mixing in any way is very remote. Pkt 10c, oz 20c,  $\frac{1}{4}$  lb 50c, lb \$1.70, 5 lbs by exp. \$7.75.

## VAUGHAN'S FIREBALL BEET

In this new variety we have the most perfect Beet on the market today. It is early, of same season as Crosby's Egyptian, globe-shaped, skin smooth, tap root small, flesh solid, very sweet, and the color is deep intense red. In general appearance it is the handsomest of all beets, and our market garden customers who have a fancy trade grow nothing in the beet line which has the quick sale and the high price of Fireball.

It has a very small top, which for outdoor sowing is sometimes a fault, as it prevents rapid bunching. On the other hand, when beets are forced for late or early market, such small tops are desirable, because the plants take up but little room. In the garden the deep color, sweet flavor and long keeping qualities make it an ideal kind.

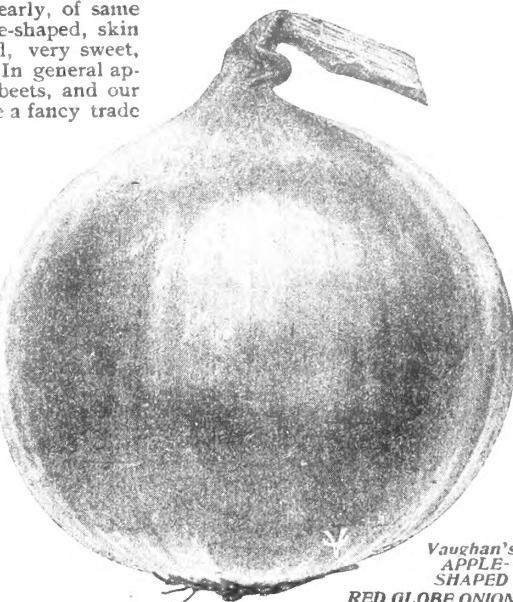
Pkt, 10c, oz 15c, 2 oz 25c,  
 $\frac{1}{4}$  lb 45c. lb \$1.25.



## RELATIVE SIZES:

Monster  
Stringless  
at left

Wardwell's  
Wax  
at right



Vaughan's  
APPLE-SHAPED  
RED GLOBE ONION



# Vaughan's SEEDS

1911

